

## **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.



273

# MICHELL'S 1919 SEEDS

WHOLESALE  
PRICE LIST FOR  
MARKET GARDENERS  
AND FLORISTS



**Michell's Special Offer to Florists for 1919**

1. Aster. Peerless Pink. Trade Packet.....\$ .50 Ounce ..... 2.50	2. Petunia. Michell's Mon- strosus. (Mixed Colors.) Half Trade Packet..\$.60 Trade Packet ..... 1.00	3. Verbena. Giant Flowered Mixed. Trade Packet ..... \$ .50 Ounce ..... 2.25	4. Tomato. Michell's Extra Early Crackerjack. Ounce ..... \$.50 ½ pound ..... 1.50 Pound ..... 5.00
---	---	---	---

P.S.—Michell's **Crackerjack** Tomato is so good that we want everyone who grows Tomatoes to have it.

The illustrations shown of course are much reduced as compared to actual size of specimens.

Henry F. Michell Co. 518 Market St. Philadelphia, Pa.

## The Michell Organization

The loyal patronage of our trade, coupled with our efforts to please and render service, has made our organization possible. A staff of about 125 employes at our Store and Salesrooms housed in a building 5 stories high, 23 feet wide, on Market Street, 47 feet wide on Ludlow Street, 180 feet deep. Our shipping department and part of our warehouses front 67 feet on Ludlow Street. At 19-21-23 Bank Street is located our 4-story warehouse, devoted almost exclusively to the storage of grass seed.

### We especially invite charge accounts.

A charge account is more convenient than to remit for each order at the time it is sent us; you pay no more for your goods by reason of this accommodation. As to our responsibility, we refer you to **Dun's or Bradstreet's Mercantile Agency** or any bank or Trust Co.

When sending your first charge order, refer preferably to someone in either your own or our line of business with whom you have a charge account. This frequently saves delays.

### DISCOUNTS

On bills for Flower, Vegetable Seeds and Bulbs, a discount of 2 per cent for payment 10 days from date of bill may be deducted; if cash accompanies the order, 3 per cent may be deducted on such items. All other goods are strictly net, as are also bills for goods supplied under special quotations unless otherwise agreed upon.

### C. O. D. SHIPMENTS

We cannot make shipments of Plants or Cold Storage Bulbs C. O. D., and shipments of goods C. O. D. outside of our automobile delivery limits can only be made that way provided a partial remittance is sent with the order to guarantee that the goods will be accepted on arrival.

### IMPORTANT NOTICE. Shipments of perishable goods can only be made at your risk.

For twenty-eight years it has been our custom to guarantee the arrival in good order of perishable plants, roots, and cold storage bulbs. This custom for the present we regrettably are obliged to change. While we will continue to supply and carefully pack such merchandise, we do not wish to hold ourselves responsible for the delays and negligence of transportation companies.

If shipments arrive in bad condition, accept them and receipt for them accordingly, and make claim for your loss on the transportation company. We, of course, will hold ourselves ready to assist you in any possible way. It has been found that claims can be collected more readily by the person receiving the goods than by the shipper.

Our custom to guarantee the actual arrival of goods, except at points where there is no freight or express agent, will still be continued, and claims for loss or non-arrival of merchandise not perishable will as in the past be cared for by us, so you run no risk of having to make claims for lost goods.

### CONDITIONS OF SALES

All contracts, sales and acknowledgements of orders are contingent upon crop failures, partial deliveries by growers or manufacturers, strikes, or other unavoidable causes beyond our control, also unsatisfactory credit standing.. All quotations are subject to market changes and goods being unsold on receipt of order. Henry F. Michell Company endeavors to send out only the very best quality of Seeds, Bulbs, and Plants, but cannot guarantee results or crops. If customers do not accept goods on the above conditions, they can be returned to us within ten days.

**OUR NURSERIES.** Comprise about 50 acres of highly cultivated land, 16 modern greenhouses occupying about 34,000 square feet of space, and about 1500 glass-covered sash frames, with a staff varying from 30 to 45 employes.

HENRY F. MICHELL, Pres.



**HENRY F. MICHELL CO.**

FRED'K J. MICHELL, V. Pres.

**SEEDS, BULBS, PLANTS, Garden Supplies, Fertilizers, Insect Destroyers, Poultry Supplies, Etc.**

Warehouses: 509-511-513 Ludlow St.,  
19-21-23 Bank St.

**518 MARKET ST., PHILA.**

TELEPHONES: BELL Lombard 4220.  
KEYSTONE—Main 3600. (hb)



CATALOG ORDER SHEET For MICHELL'S SEEDS, BULBS, PLANTS, Etc.

**ORDER NO.**

Date 191 HENRY F. MICHELL CO., 518 Market St., PHILADELPHIA.

**Please DO NOT Write HERE**  
Don't Ship unless numbered above  
and approved as below  
**APPROVED FOR FILING**

Ship to \_\_\_\_\_ C/O \_\_\_\_\_

Street \_\_\_\_\_ P. O. Box \_\_\_\_\_

Post Office \_\_\_\_\_ R. F. D. No. \_\_\_\_\_

**Freight or  
Express Address** \_\_\_\_\_

County \_\_\_\_\_ State \_\_\_\_\_

Charge to \_\_\_\_\_ Charge Address \_\_\_\_\_

Please DO NOT Write in Space Above

**PRICED BY**

**Shipped Via and Date—**

**IF OUT OF VARIETY ORDERED HAVE WE YOUR PERMISSION TO  
SUBSTITUTE EQUAL OR BETTER IN NEAREST WE CAN SUPPLY?**

Answer

Gardener or Super. Name for purpose of mailing catalogs, etc.

AMT. FWD.

PLEASE DO NOT ASK QUESTIONS ON THIS ORDER SHEET, BUT WRITE THEM, AND ALL COMMUNICATIONS REQUIRING AN ANSWER,  
ON A SEPARATE SHEET AND ENCLOSE WITH ORDER, TO INSURE A MORE SPEEDY REPLY.

**SPECIAL NOTICE TO ORDER CLERKS:**—See that all items that can be shipped at one time are sent and checked and items to follow marked Q and attach incomplete slip to this original order.

All orders are accepted and executed in accordance with the terms stated in our catalogues.

Check  
1

**PLEASE DO NOT ASK QUESTIONS ON THIS ORDER SHEET, BUT WRITE THEM, AND ALL COMMUNICATIONS REQUIRING AN ANSWER,  
ON A SEPARATE SHEET AND ENCLOSE WITH ORDER TO INSURE A MORE SPEEDY REPLY.**

**SPECIAL NOTICE TO ORDER CLERKS:**—See that all items that can be shipped at one time are sent and checked and items to follow marked Q, and attach incomplete slip to this original order.

All orders are accepted and executed in accordance with the terms stated in our catalogs.

# Index to Contents of Michell's Wholesale 1919 Seed Catalog

U. S. FOOD ADMINISTRATION LICENSE NO. G 36797

SEEDS	Page	Page	Page	Page	Page
Clovers .....	32	Bordeaux Mixture .....	3rd cover	Labels .....	67
Corn (Field) .....	32	Bordeaux Arsenate .....	3rd cover	Ladders .....	64
Farm Seeds .....	32	Boro Wax .....	3rd cover	Land Plaster .....	76
Flower Seeds .....	34-53	Brooms .....	69	Lawn Mowers .....	63
Grass Seeds .....	33	Bug Death .....	3rd cover	Lawn Sand .....	76
Vegetable Seeds .....	2-31	Bull Dog Clips .....	76	Leaf Mould .....	75
<b>BULBS AND PLANTS</b>					
Amaryllis .....	56	Carnation Dye .....	75	Lemon Oil .....	3rd cover
Artichoke .....	3	Carnation Menders .....	72	Lime .....	76
Asparagus .....	3	Carnation Supports .....	74	Limestone .....	76
Begonias .....	56	Celery Paper .....	11	Lime Sulphur .....	3rd cover
Brussels Sprouts .....	7	Celery Tape .....	11, 75	Maiure .....	76
Cabbage .....	9	Charcoal .....	75	Manure Distributors .....	69
Caladium .....	61	Chrysanthemum Manure .....	76	Mapes Fertilizers .....	76
Callas .....	56	Clay's Fertilizer .....	76	Marking Rakes .....	67
Cannas .....	57	Cocoanut Fibre .....	75	Mastica .....	75
Cauliflower .....	9	Copper Solution .....	3rd cover	Melon Nets .....	19
Celery .....	11	Cottonseed Meal .....	76	Mending Outfits .....	66
Chives .....	10	Coupling Parts .....	66	Moss .....	72
Cinnamon Vine .....	61	Cow Manure .....	76	Mowers .....	63
Cyclamen Seedlings .....	54	Cultivators .....	62	Mulford Germ .....	4, 76
Dahlias .....	58-59	Cultivator Teeth .....	62	Muriate of Potash .....	76
Egg Plant .....	15	Cut Flower Boxes .....	72	Mushroom Spawn .....	21
Garlic .....	15	Cut Wo'm Destroyer, Cyanegg .....	3rd cover	Nico Fume .....	3rd cover
Geraniums .....	54	Dalmatian Powder .....	3rd cover	Nikoteen .....	3rd cover
Gladiolus .....	60	Elastic Cement .....	75	Nitrate of Soda .....	76
Hardy Lilies .....	61	Extension Pipes .....	71	Nozzles .....	66-71
Hop Vine .....	15	Fern Dish Liners .....	68	Orchid Pans .....	68
Horse Radish .....	15	Fertilizer .....	76	Orchid Peat .....	75
Hyacinths .....	61	Fertilizer Distributors .....	64	Paper .....	72
Hydrangeas .....	54	Fibre Saucers .....	68	Paris Green .....	3rd cover
Ismene .....	61	Fibre Vases .....	68	Peat .....	75
Lettuce .....	17	Fir Tree Oil Soap .....	3rd cover	Pebbles .....	75
Lily of the Valley .....	61	Fish Oil Soap .....	3rd cover	Phosphate .....	76
Mexican Vine .....	61	Flower Pots .....	68	Plant Food .....	76
Mint .....	18	Forks .....	65	Plant Stakes .....	74
Montbretias .....	61	Fumigators .....	71	Plant Stands .....	69
Onion Sets .....	21	Fungine .....	3rd cover page	Plows .....	62
Oxalis .....	61	Garden Line .....	64	Potato Knives .....	26
Paeonies .....	55	Garden Reels .....	64	Potato Manure .....	76
Parsley .....	23	Getz There Soap .....	3rd cover	Potato Scab Destroyer .....	26
Pepper .....	23	Glass Cleaner .....	75	Pot Hangers .....	68
Phlox .....	55	Glass Cutters .....	75	Pot Labels .....	67
Potatoes .....	26	Glazing Clamps .....	75	Pouderette .....	76
Rhubarb Roots .....	28	Glazing Points .....	75	Pruners .....	65
Sweet Potatoes .....	26	Grafting Tool .....	65	Pruning Compound .....	65
Tomatoes .....	30	Grafting Wax .....	65, 75	Pruning Gloves .....	65
Tuberoses .....	61	Grape Dust .....	3rd cover	Pumps .....	70
<b>MISCELLANEOUS</b>					
Ant Exterminator .....	3rd cover	Greenhouse White .....	75	Putty .....	75
Antipest .....	3rd cover	Handy Gardener .....	64	Putty Bulbs .....	75
Aphine .....	3rd cover	Harrows .....	62	Pyrox .....	3rd cover
Aphis Punk .....	3rd cover	Heaters .....	69	Raffia .....	74
Aprons .....	66	Hellebore .....	3rd cover	Raffia Tape .....	3, 75
Arsenate of Lead .....	3rd cover	Hoes .....	67	Rakes .....	67
Ashes .....	76	Horn Shavings .....	76	Rat Corn .....	3rd cover
Asparagus Bunchers .....	3, 64	Horse Manure .....	76	Rolling Stands .....	68
Asparagus Knives .....	3, 64	Hose .....	66	Readeana .....	3rd cover
Asparagus Tape .....	3, 64	Hose Bands .....	66	Salt .....	76
Basic Slag .....	76	Hose Connections .....	66	Sand .....	75
Bean Poles .....	5	Hose Couplings .....	66	Sash .....	71
Bellows .....	71	Hose Menders .....	66	Saucers .....	68
Black Leaf 40 .....	3rd cover	Hose Reducers .....	66	Saws .....	65
Blood (Dried) .....	76	Hobbed Mats .....	69	Scalecide .....	3rd cover
Blood Flour .....	76	Hydrant Attachment .....	66	Scale Destroyer .....	3rd cover
Bone (Dissolved) .....	76	Hydrometers .....	3rd cover	Scrapers .....	65
Bone Flour .....	76	Insecticides .....	3rd cover	Seed Drills .....	62
Bone Meal .....	76	I. X. L. Compound .....	3rd cover	Shaderine .....	75
		Kainit .....	76	Shading Cloth .....	75
		Kerosene Emulsion .....	3rd cover	Zementine .....	75
		Kirk System .....	75	Zenoleum .....	3rd cover
		Knives .....	64		
		Knives (Asparagus) .....	3		
		Knives (Potato) .....	26		

# Michell's Vegetable Seed Specialties

MAILED POSTPAID AT QUOTED PRICES



Celery—Easy Blanching

## CELERY—"Easy Blanching"

This variety, without exception, is probably the most important Celery introduced in recent years. The bunch, shown above, was grown from our seed by a market gardener in Collingdale, Delaware Co., Pa., and sent to us October 2, 1917, at which time the three stalks weighed  $13\frac{1}{2}$  lbs. and measured 18 inches through in breadth and 18 inches tall. This is a remarkable growth, although its entire planting averages the same. It can easily be figured, that the plants attain an enormous size, considering that they had fully 30 days more in which to grow. The outer stalks are green, while the inner ones are white, with yellow leaf tips. A valuable variety for use prior to Thanksgiving day. It has sweet, nutty flavor and is neither stringy nor pithy. Every grower of celery should include this in his list. Price, 75c. oz.;  $\frac{1}{4}$  lb., \$2.50; \$8.00 per lb.

## PE-TSAI (Chinese or Celery Cabbage)

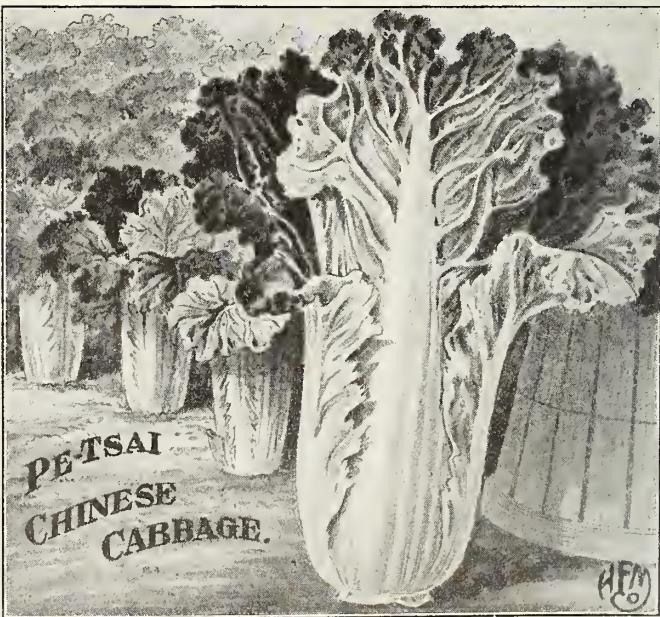
The American gardener as well as housewife will hesitate, in thinking, that anything of Chinese origin would be suited to their taste. This, however, is not the case with the Chinese Cabbage. The plant is of upright growth, about 15 inches, sometimes more, sometimes less, soil conditions governing. It resembles in appearance and growth a head of Cos Romaine or Celery Lettuce, but possesses the attractive curly feature of Silesian Lettuce, and a broad, wide rib. The heads are very firm, almost like Cabbage. The flavor is delightful, not at all like Cabbage, but rather on the order of Witloof Chicory or French Endive. It may be served like lettuce, tasting better with salad dressing, or it makes excellent Cole Slaw when it is prepared exactly as one would prepare Cole Slaw from Cabbage. It may also be cooked as one would Cabbage, the flavor somewhat resembling Cauliflower. It can be planted as a spring or autumn crop; for latter the seed is sown in July. The head does not become as high then as when sown in spring, and is adapted in that season rather as a Lettuce than as Cabbage. May be forced readily in cold frame. We are convinced that this vegetable will become popular very shortly. The small plants are handled much like Lettuce, except that they should be set out from 15 to 18 inches apart, the rows 2 to  $2\frac{1}{2}$  feet apart. They prefer naturally low or moist garden soil, although they will thrive in almost any soil conditions. Oz., 25c.;  $\frac{1}{4}$  lb., 75c.; \$2.50 per lb.



Lettuce—"Davey's" Big Boston

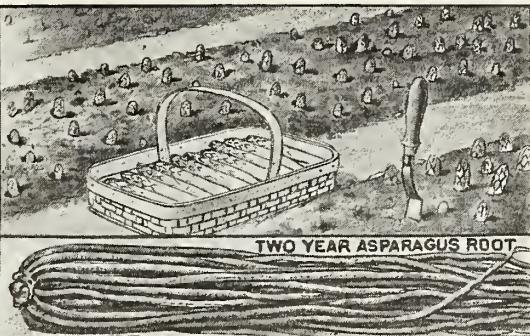
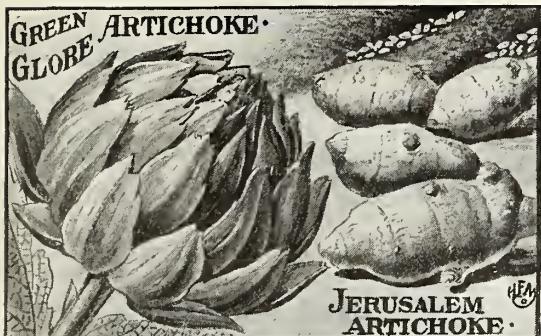
## LETTUCE "Davey's Improved Strain of Big Boston"

This seed is produced for us in a suburb of Paris, France, by one of the leading market gardeners there, who created a heavy demand for this variety. The strain is superior in every way to the usual strain of the Big Boston variety. The heads are larger, almost twice the size, more solid and of better flavor. The outer leaves of the head are large and somewhat loosely set around a solid, buttery, well flavored heart or interior. We have sold this variety extensively to our market gardener customers and many of them have booked their order in advance for this season's supply, in event of a crop failure. It is ideal for hotbed culture in the early spring and autumn, while for summer growing it is one of the best. 20c. per oz.; per  $\frac{1}{4}$  lb., 60c.; \$2.00 per lb.



# MICHELL'S DISTINCTIVE VEGETABLE SEEDS

3



## ANISE (Herb)

Per oz., 10c.; 35c. per  $\frac{1}{4}$  lb.; 1b., \$1.25.

## ARTICHOKE

**Artichaut** (Fr.); **Artischoke** (Ger.); **Alcachofa** (Ital.) One ounce will produce about 500 plants.

Sow seeds in January in the greenhouse or in hot-beds in March or outdoors in May. If sown outdoors transplant when large enough in rows 3 feet apart, 2 feet apart in the row. Cultivate when growing, freely, and protect the plants in winter by taking them in a cellar or in a cold frame, or they may be left outdoors protected by straw.

**Green Globe.** Per oz., 75c.; \$2.50 per  $\frac{1}{4}$  lb.; lb., \$9.00.

## ARTICHOKE PLANTS

**Green Globe** (Ready in April)

We grow a large stock of these, for those who do not care to bother with them from seed; thus they can be assured of an early crop. Pot grown. \$1.25 per doz.; 25 for \$2.00; \$7.50 per 100.

## ARTICHOKE ROOTS

**Jerusalem** (Ready in April)

Sometimes called the American Artichoke. Used for table and stock feeding. Cut the tubers to single eyes and plant them like potatoes, 3 to 4 feet apart each way, placing three or four tubers in a hill. Leave the tubers in the ground and dig them as wanted; they are hardy. 20c. qt.; peck, \$1.00; \$3.50 per bu. of 60 pounds.

## ASPARAGUS

**Asperges** (Fr.); **Spargel** (Ger.); **Esparrago** (Ital.) Sow 5 lbs. per acre for roots, or 1 oz. to a 100 ft.

Asparagus grows easily in almost any good soil, but best results are obtained in well-enriched, deeply-dug, sandy loam. A well-cared for bed improves with age and lasts for many years. It may be established from seed, but much time is saved by planting roots. Seed should be sown thinly in early spring in rows 1 foot apart. Thin out the weakest plants so the remainder will be 4 inches apart. When 1 year old transplant in the permanent bed in rows 3 ft. apart, setting the roots 1 ft. to  $1\frac{1}{2}$  ft. apart, from where they can be cut three years later.

**Michell's Giant Argenteuil** (*Special Strain*). Of all the varieties that we have extensively tried, this has been found to excel, both from a point of productiveness, tenderness, earliness and resistance to diseases. In size it is a giant. A marketable shoot or spear is often two inches in diameter and 12 inches long, of which every part when boiled is tender and delicious. It is the one variety that succeeds well in all soils and climates. Color, pure white, with a greenish purple tip. 10c. per oz.;  $\frac{1}{4}$  lb., 30c.; \$1.00 per lb.

**Barr's Mammoth.** A variety producing heavy, stout spears, of delicious flavor. Remains green when cooked. A very popular sort. 10c. per oz.;  $\frac{1}{4}$  lb., 20c.; 45c. per lb.; \$2.00 for 5 lbs.

**Conover's Colossal.** A prolific sort, similar to Barr's Mammoth, but the stalks are a trifle larger and lighter in color. 10c. per oz.;  $\frac{1}{4}$  lb., 20c.; 45c. per lb.; \$2.00 for 5 lbs.

**Palmetto or Eclipse.** One of the earliest, producing uniform stalks. Prolific and finely flavored. Color, green. 10c. per oz.;  $\frac{1}{4}$  lb., 20c.; 45c. per lb.; 5 lbs. for \$2.00.

## ASPARAGUS ROOTS

We make a specialty of Asparagus Roots, having them grown for us in large quantities. Special prices can be quoted in large lots.

(Ready after March 1st)

4000 to 6000 roots required for an acre.

### 2-Year-Old Roots

	100	1000
Barr's Mammoth	\$0.75	\$5.50
Conover's Colossal	.75	5.50
Giant Argenteuil	.85	6.50
Palmetto or Eclipse	.75	5.50

### 3-Year-Old Roots

	100	1000
Barr's Mammoth	\$1.25	\$9.00
Conover's Colossal	1.25	9.00
Giant Argenteuil	1.35	10.00
Palmetto or Eclipse	1.25	9.00

## ACCESSORIES TO ASPARAGUS GROWING

**Raffia Tape.** A linen and paper composition in 250-yard spools; nile green color. 75c. per bolt.

**Asparagus Tape.** Fast cherry red color, waterproof; in 1000-yard spools. Per spool \$6.25.

**Raffia.** Ideal for tying asparagus in bunches, in a neat and economical manner.

**Natural** ..... Price on application

**Colored** ..... Price on application

**Jute Twines.** For tying asparagus, 2, 3 and 5-ply, in balls, soft and pliable. Price on application.



## ASPARAGUS KNIVES

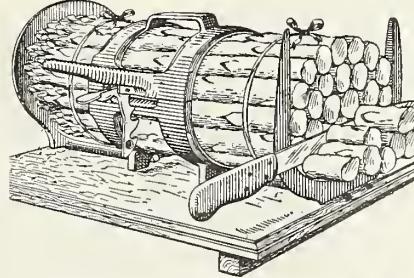
No. 45. **Asparagus Knife, Bateman's** (See cut) ..... \$0.45

Fig. 399. **Asparagus Knife, American.** No.

3. V-shaped blade, short handle ..... .55

Fig. 399. **Asparagus Knife, No. 3 American**

V-shaped blade, long handle ..... .65



## ASPARAGUS BUNCHER

It pays to use a buncher. It is quickly tied and looks uniform. With Knife Guard, \$3.00 P. Wt., 7 lbs.

### Testimonial

Ballston, Va.

The seeds we had from you last year were very satisfactory and we hope it will be the same this year.

EDWARD DAUPHIN, for Dauphin Bros.

# MICHELL'S DWARF BEANS

**Haricots Nains (Fr.) ; Buschbohnen (Ger.) ; Faginoli Nani (Ital.).**

Plant 1½ bushels per acre. 2 lbs. will plant 100-ft. row. If desired by mail, allow for postage. 2 lbs. equals 1 quart.

**PLEASE NOTE.**—Beans are now offered by the lb. instead of pint, quart, peck and bushel.

## GREEN - PODDED VARIETIES

**Black Valentine.** Pods very long and slender, semi-round and well flavored, slight string when old. 30c. lb.; 5 lbs., \$1.35; \$2.50 for 10 lbs.; 25 lbs., \$5.75; \$22.00 per 100 lbs.

**Canadian Wonder (Forcing).** A splendid variety, producing long pods of superb quality; can also be grown outdoors. 75c. lb.; 5 lbs., \$3.50; \$6.50 for 10 lbs.

**Early Long Yellow Six Weeks.** The word yellow refers to the seed only, pod flat, very early, tender. 30c. lb.; 5 lbs., \$1.35; \$2.50 per 10 lbs.; 25 lbs., \$5.75; \$22.00 per 100 lbs.

**Early Mohawk.** This variety can be planted before any other sort, being quite hardy, large cropper, flat pod. 30c. lb.; 5 lbs., \$1.25; \$2.40 per 10 lbs.; 25 lbs., \$5.50; \$21.00 per 100 lbs.

**Extra Early Refugee.** An extremely early, fleshy, saddle-back-pod variety. 35c. lb.; 5 lbs., \$1.50; \$2.80 per 10 lbs.; 25 lbs., \$6.50; \$24.00 per 100 lbs.

**Full Measure.** A prolific stringless variety, of excellent quality. Pods long, round, firm and tender, and remain fit for use many days after maturity. A most valuable and promising variety. 35c. lb.; 5 lbs., \$1.50; \$2.80 per 10 lbs.; 25 lbs., \$6.50; \$24.00.

**Glory of St. Andrew (New).** Round podded medium early dwarf grower, a great cropper. 40c. lb.; 5 lbs., \$1.85; \$3.50 per 10 lbs.; 25 lbs., \$8.00; \$30.00 per 100 lbs.

**Mammoth Stringless or Giant Valentine.** An improvement on Burpee's Stringless Green Pod, early round pod, free from string and, while not so prolific, makes a much larger pod. 35c. lb.; 5 lbs., \$1.50; \$2.80 per 10 lbs.; 25 lbs., \$6.50; \$24.00 per 100 lbs.

**Red Valentine (Michell's Improved).** A carefully selected stock of this well-known variety; it is one of the earliest sorts, maturing often in 45 to 50 days. 30c. lb.; 5 lbs., \$1.25; \$2.40 per 10 lbs.; 25 lbs., \$5.75; \$22.00 per 100 lbs.

**Stringless Green Pod (Michell's Improved Strain).** When the pod has become quite old it still retains its stringless qualities. Its extreme earliness, prolific and continuous bearing qualities and superior flavor are remarkable. Can be planted successively through the season. The leading sort for market garden. 35c. lb.; 5 lbs., \$1.50; \$2.80 per 10 lbs.; 25 lbs., \$6.50; \$24.00 per 100 lbs.

## WAX OR YELLOW-PODDED VARIETIES

These should not be planted quite as early as the green varieties. They being more tender are liable to rot.

**Black Wax (Pencil Pod Strain).** A round podded, hardy sort, entirely stringless, very early and desirable. 35c. lb.; 5 lbs., \$1.50; \$2.80 per 10 lbs.; 25 lbs., \$6.50; \$24.00 per 100 lbs.

**Currie's Rust-Proof Wax.** An improved type; extra early; a tremendous yielder with long, thick, flat pods. 35c. lb.; 5 lbs., \$1.50; \$2.80 per 10 lbs.; 25 lbs., \$6.50; \$24.00 per 100 lbs.

**Davis' White Wax.** A long, slender, thick, flat-podded sort, almost white, very fine. 40c. lb.; 5 lbs., \$1.75; \$3.25 per 10 lbs.; 25 lbs., \$7.50; \$28.00 per 100 lbs.

**Extra Early Refugee Wax.** Round podded of upright growth; quite stringless and of splendid quality. 35c. lb.; 5 lbs., \$1.50; \$2.80 per 10 lbs.; 25 lbs., \$5.50; \$21.00 per 100 lbs.

**Golden Wax Rust Proof (Michell's Improved Strain).** This type far surpasses the old strain in many points; the plants are very vigorous and thereby rust-resisting. The thick, flat, stringless pods are formed quite early and in great profusion. 35c. lb.; 5 lbs., \$1.50; \$2.80 per 10 lbs.; 25 lbs., \$6.50; \$24.00 per 100 lbs.

**Hardy Wax.** An early round-podded sort; very productive; perfectly stringless and desirable in every way. 40c. lb.; 5 lbs., \$1.90; \$3.60 per 10 lbs.; 25 lbs., \$8.00; \$30.00 per 100 lbs.



### Improved Strain Golden Wax

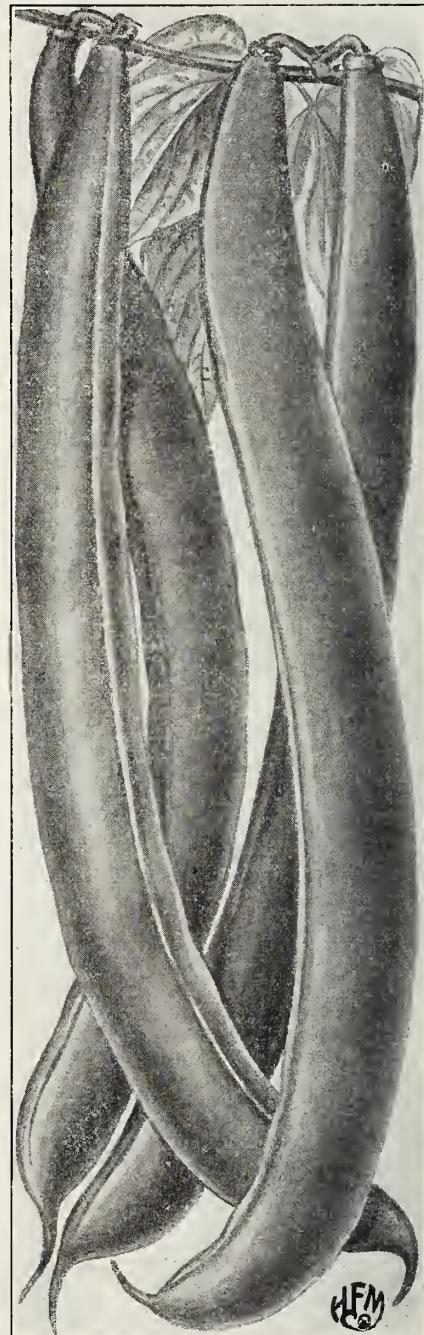
**Mont d'Or (New).** Round-podded medium early, heavy cropper, dwarf compact grower. 40c. lb.; 5 lbs., \$1.85; \$3.50 per 10 lbs.; 25 lbs., \$8.00; \$30.00 per 100 lbs.

**Round-Podded Kidney Wax.** A vigorous grower, producing very fleshy pods, entirely stringless and rust-proof; very early. 40c. lb.; 5 lbs., \$1.75; \$3.25 per 10 lbs.; 25 lbs., \$7.50; \$28.00 per 100 lbs.

**Sure Crop Stringless Wax.** Very early, and remarkably productive; very hardy and free from disease; long, thick, flat pod; a splendid variety. 35c. lb.; 5 lbs., \$1.50; \$2.80 per 10 lbs.; 25 lbs., \$6.50; \$24.00 per 100 lbs.

**Wardwell's Kidney Wax.** A favorite market-bean; bears very long, thick, flat pods in great abundance; one of the best medium early sorts; excellent quality; free from rust; a reliable cropper. 40c. lb.; 5 lbs., \$1.75; \$3.25 per 10 lbs.; 25 lbs., \$7.50; \$28.00 per 100 lbs.

**INOCULATING BACTERIA FOR GARDEN BEANS.** A high-grade nitrogen bacteria used in growing garden beans, produces wonderful results. 25c. per garden size bottle; ¼ acre bottle, 50c.; \$1.50 per 1 acre bottle; 5 acre bottle, \$5.00.



Black Valentine

# MICHELL'S DESIRABLE POLE BEANS (Not Limas)

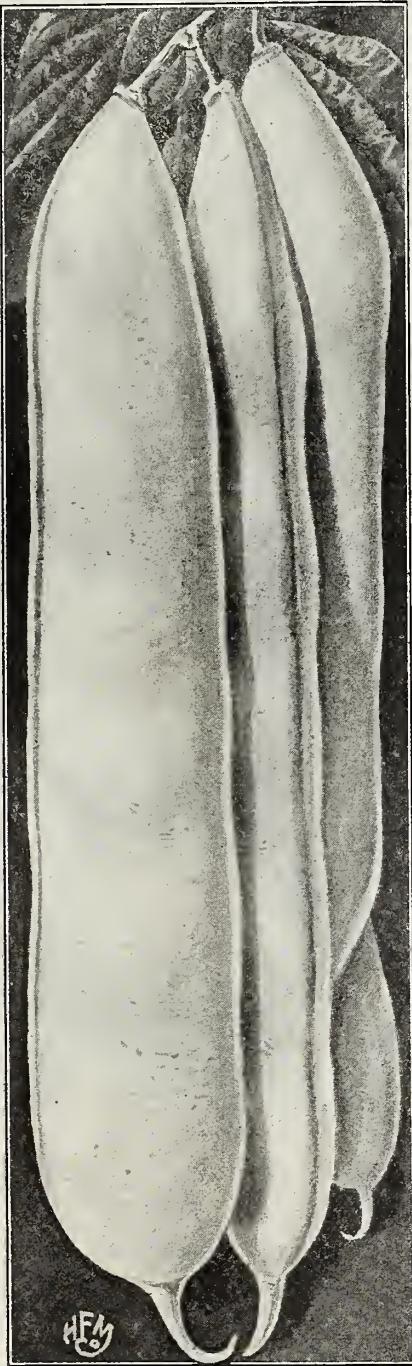
5

**Haricots à Rames (Fr.); Stangenbohnen (Ger.); Figuoli (Ital.).**

Plant as you would limas, in hills 4 feet apart each way, about 4 or 5 beans to the hill, eyes downward, when all danger of frost or cold nights is over. Don't be afraid to put a liberal number in a hill, as this is cheaper than replanting; often one bean germinates where another won't, even on the same hill. When up and established, thin out to 3 plants in a hill. About 10 quarts to the acre.

Pole Beans are not accorded in the north the same attention they deserve and receive in the southern part of the United States, where they are found in practically every market garden. They are frequently more tender, yield larger crops than dwarf sorts. One planting lasts usually for the season. The secret of success in growing them is to keep picking them as they mature. They then continue to bear and yield quantities of tender beans of delicious flavor.

**SPECIAL NOTE.**—Beans are now offered by the pound instead of by the pint, quart, peck and bushel. This system will be found practical and desirable. 2 lbs. equal 1 qt. If Beans are wanted by parcel post allow for mailing charges.



HFM

Golden Cluster Wax

**Early Golden Cluster Wax.** A beautiful deep yellow pod, flat and frequently 8 inches long, makes a delicious dish as a butter bean or for pickling; quite stringless and matures in about 85 days. It is a heavy yielder, the pods being borne in large clusters. Quite easily the best of the pole beans and a splendid variety for the market garden. 40c. lb.; 5 lbs., \$1.85; \$3.60 per 10 lbs.; 25 lbs., \$8.50; \$33.00 per 100 lbs.

**Scarlet Runner (Green Pod).** While used principally for its flowering qualities, this makes a splendid winter shell bean. The bright red flowers are an attraction when the vine is used for covering arbors, trellises, fences, posts, etc. 40c. lb.; 5 lbs., \$1.85; \$3.60 per 10 lbs.

**Kentucky Wonder (Old Homestead).** Green Pod. In the south this variety is grown more extensively probably than any other; a tremendous yielder of long pods, very tender and practically stringless. It is round-podded and really the best of the green pole beans. It is quite early, being ready for picking about 85 days from planting. 40c. lb.; 5 lbs., \$1.85; \$3.60 per 10 lbs.; 25 lbs., \$8.50; \$33.00 per 100 lbs.

## SHELL BEANS FOR WINTER USE

If there is any vacant space in the truck patch it will pay to plant some of these varieties. For soups, baked beans, etc., they are always useful. They can be used in the green state like other sorts, but for the first-named purpose they are best.

**Boston Navy or Pea.** For soup and baking purposes. 30c. lb.; 5 lbs., \$1.25; \$2.25 per 10 lbs.; 25 lbs., \$5.50; \$20.00 per 100 lbs.

**Broad Windsor.** An English bean used in the dry state shelled. Plant in rows about 3 feet apart, about 8 inches apart in the row. 40c. lb.; 5 lbs., \$1.85; \$3.60 per 10 lbs.; 25 lbs., \$8.50; \$33.00 per 100 lbs.

**White Kidney or Royal Dwarf.** 30c. lb.; 5 lbs., \$1.25; \$2.25 per 10 lbs.; 25 lbs., \$5.50; \$20.00 per 100 lbs.

**White Marrowfat.** 30c. lb.; 5 lbs., \$1.25; \$2.25 per 10 lbs.; 25 lbs., \$5.50; \$20.00 per 100 lbs.

**Dwarf Horticultural.** One of the best early shell beans grown, the thick, flat, stringless pods are colored red and green; the bean is large, round and speckled. 35c. lb.; 5 lbs., \$1.50; \$2.75 per 10 lbs.; 25 lbs., \$5.50; \$21.00 per 100 lbs.

## Testimonial

New Bedford, Mass.

I am well pleased with my dealings with your house and with the goods you have been supplying me. Enclosed find money order for seeds. Later I shall need other goods and I will send you the order.

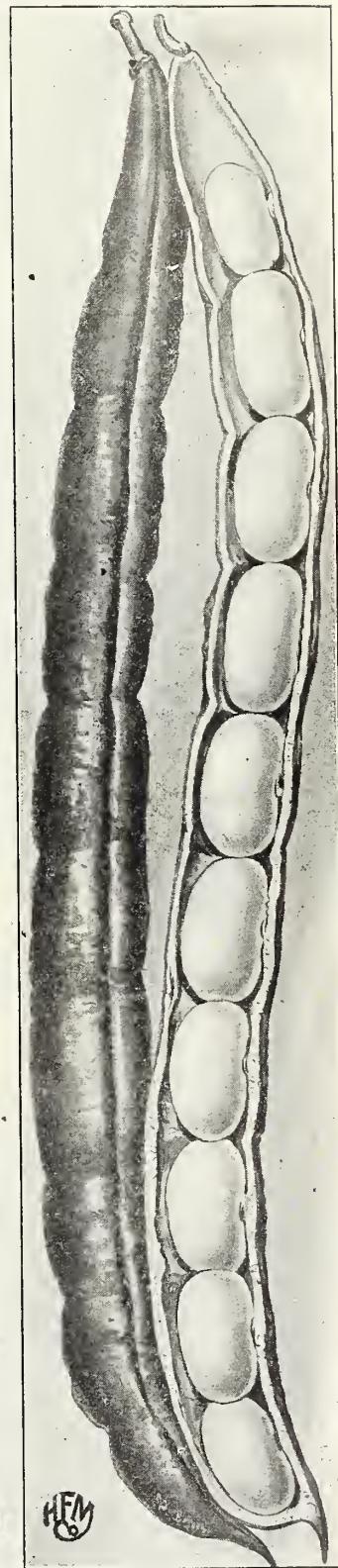
O. E. FINDEISEN.

## NOTE ON THE BEAN CROP

For a number of years beans have been an abnormally short crop, despite the efforts put forth the past season, which resulted in a much larger acreage being planted than ever before in the history of seed growing; for many reasons the crop was shorter than ever. Beans should be ordered early. There will not be near enough to supply the demand, even at high prices.

## CEDAR BEAN POLES (Pointed)

Extra selected quality, about 10 feet long. Price on application.



Kentucky Wonder Bean

# MICHELL'S LIMA BEANS

**Haricots à rames (Fr.); Stangenbohnen (Ger.); Figiuolo di Lima (Ital.).**

## POLE VARIETIES

One quart will plant 100 hills; 25 to 30 lbs. per acre.

Plant when all danger of frost or cold nights is over with the eye of the bean down. Don't be afraid to put a liberal number in a hill, as this is cheaper than re-planting; often one bean germinates where another won't, even on the same hill. When all the beans have germinated that will grow, leave 3 or 4 remain in the hill. The poles should be set as soon as the garden is made in rows about 3 feet apart, with the poles about 3 ft. apart in the row. It is a good plan to put a small shovel-full of well-rotted cow manure in each hill when the poles are set, so the beans when started will make rapid growth and mature early.

**Carpinteria.** A variety that retains its green color in all stages of growth, and after being dried; with this it combines wonderful prolificness, flavor and size; a good early variety; 4 to 5 beans in a pod. 40c. lb.; 5 lbs., \$1.90; \$3.60 per 10 lbs.; \$7.50 per 25 lbs.; \$27.50 per 100 lbs.

**Dreer's Improved Potato or Challenger.** Early and more prolific than the Large Lima; beans, small and of extra quality. 40c. lb.; 5 lbs., \$1.90; \$3.60 per 10 lbs.; 25 lbs., \$7.50; \$27.50 per 100 lbs.

**Giant Podded.** This variety is fully a week earlier than King of the Garden. It is a prodigious cropper, producing its pods in large clusters. These are well filled with large beans of excellent quality. 40c. lb.; 5 lbs., \$1.90; \$3.60 per 10 lbs.; 25 lbs., \$7.50; \$27.50 per 100 lbs.

**King of the Garden.** Vigorous grower, producing a continuous bloom and crop to the extreme end of season. Pods are of enormous size, many specimens measuring from 5 to 8 inches, producing as high as six beans to the pod, perfectly formed and of superior quality. 40c. lb.; 5 lbs., \$1.90; \$3.60 per 10 lbs.; 25 lbs., \$7.50; \$27.50 per 100 lbs.

**Michell's Evergreen.** This remarkable pole lima equals the earliest for earliness, is far more productive than any other, and retains at all times a beautiful green color. Pods contain on the average 5 to 6 beans. The pods hang in clusters, 6 to 8 in a bunch, which makes them very easy to gather. All who grow limas should have this valuable variety in the market garden. 45c. lb.; 5 lbs., \$2.10; \$4.00 per 10 lbs.; 25 lbs., \$9.00; \$34.00 per 100 lbs.

**Michell's Selected Large Jersey.** The real old-fashioned large lima that has been a favorite for years. Has proven exceedingly satisfactory; beans are very tender and luscious. An extra selection of seed stock; large fine beans, all-hand picked. 40c. lb.; 5 lbs., \$1.90; \$3.60 per 10 lbs.; 25 lbs., \$7.50; \$27.50 per 100 lbs.

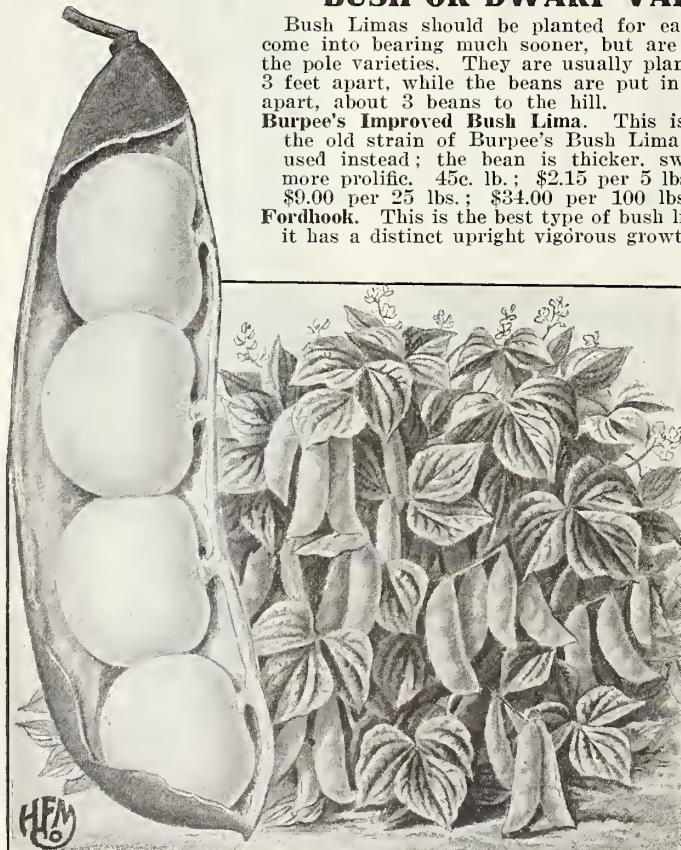
## BUSH OR DWARF VARIETIES

Bush Limas should be planted for early crops, as they come into bearing much sooner, but are not so prolific as the pole varieties. They are usually planted in rows about 3 feet apart, while the beans are put in hills about 2 feet apart, about 3 beans to the hill.

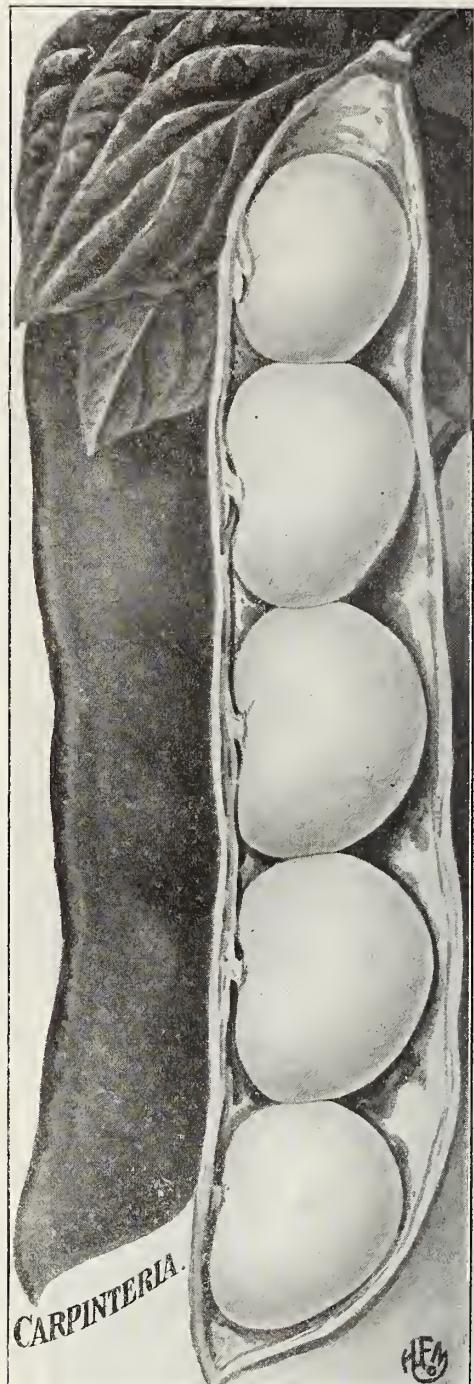
**Burpee's Improved Bush Lima.** This is so far ahead of the old strain of Burpee's Bush Lima that it should be used instead; the bean is thicker, sweeter, earlier and more prolific. 45c. lb.; \$2.15 per 5 lbs.; 10 lbs., \$4.00; \$9.00 per 25 lbs.; \$34.00 per 100 lbs.

**Fordhook.** This is the best type of bush lima in cultivation; it has a distinct upright vigorous growth; the pods which

are borne in clusters well above the ground, frequently contain as many as 4 thick luscious beans. It matures very early and continues in bearing till frost. 45c. lb.; \$2.15 per 5 lbs.; 10 lbs., \$4.00; \$9.00 per 25 lbs.; \$34.00 per 100 lbs.



Fordhook Bush Lima



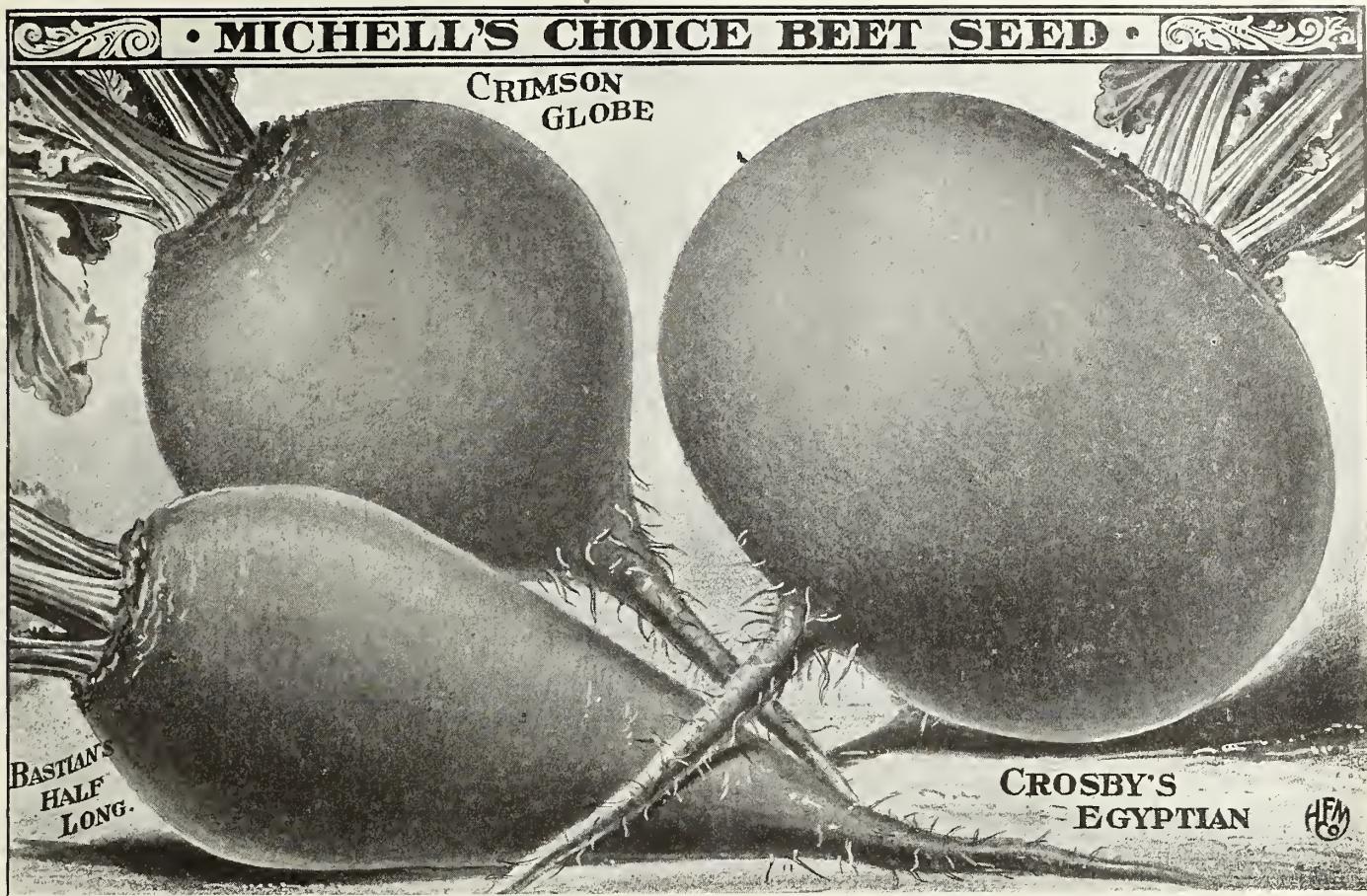
HFM

**Henderson's.** The earliest sort; beans are flat, very small and tender, of excellent flavor; splendid variety for canning. 35c. lb.; 5 lbs., \$1.50; \$2.80 per 10 lbs.; 25 lbs., \$6.50; \$25.00 per 100 lbs.

## MULFORD GERM (Bean Bacteria)

If you want your lima bean patch to yield earlier, better and more beans than usual, inoculate the seed before planting with Mulford Germ; easy to use, effective in results, making the soil richer. Per trial bottle, 25c.; per quarter acre bottle, 50c. \$1.50 per acre bottle; 5 acre bottle, \$5.00.

When ordering, be sure and specify wanted for lima beans, as each leguminous crop requires a separate culture.



Betterave (Fr.); Salatrube (Ger.); Barbabietola (Ital.)  
One ounce will sow a row about 50 ft. long; 5 lbs. are required to sow an acre.  
Prices of all seeds on this page include mailing charges.

The soil best suited for beet culture is that which is rather light and well enriched. Sow in drills one foot apart and one inch deep, as early as the ground can be worked; when the plants are large enough thin out.

**Arlington Favorite.** Extra early; exceedingly sweet, rich, blood red, turnip-shaped. 20c. oz.;  $\frac{1}{4}$  lb., 65c.; \$2.25 lb.; 5 lbs., \$10.50; 10 lbs., \$20.00.

**Bastian's Extra Early.** The best beet for market and family use, grows quite large, turnip-shaped. 20c. oz.;  $\frac{1}{4}$  lb., 60c.; \$2.00 lb.; 5 lbs., \$9.00; 10 lbs., \$17.00.

**Bastian's Half Long Blood.** A valuable variety to follow Bastian's Extra Early. 15c. oz.;  $\frac{1}{4}$  lb., 45c.; \$1.50 lb.; 5 lbs., \$6.25; 10 lbs., \$11.50.

**Bassano (Extra Early).** A flat variety, flesh white and rose colored, excellent used as buttered beet. 15c. oz.;  $\frac{1}{4}$  lb., 45c.; \$1.50 lb.; 5 lbs., \$6.25; 10 lbs., \$11.50.

**Crimson Globe.** Almost round in shape, of a rich deep red color, it has a distinct delicious flavor and is very tender, good for sowing early for forcing and summer use. 15c. oz.;  $\frac{1}{4}$  lb., 50c.; \$1.50 lb.; 5 lbs., \$6.75; 10 lbs., \$12.50.

**Crosby's Egyptian.** One of the earliest beets, especially desirable on account of its rich blood red color throughout, and its extreme tenderness. An early spring and winter variety and a good keeper. 15c. oz.;  $\frac{1}{4}$  lb., 50c.; \$1.50 lb.; 5 lbs., \$6.75; \$12.50 per 10 lbs.

**Detroit Dark Red.** A desirable type of turnip-shaped beet, very tender, excellent for winter keeping. 15c. oz.;  $\frac{1}{4}$  lb., 50c.; \$1.75 lb.; 5 lbs., \$8.00; 10 lbs., \$17.00.

**Eclipse.** Perfectly smooth and round, skin and flesh intense red. An excellent sort for forcing or for the market garden. 15c. oz.;  $\frac{1}{4}$  lb., 50c.; \$1.75 lb.; 5 lbs., \$8.00; 10 lbs., \$15.00.

**Edmand's Blood.** A variety for early and late sowing, good flavor, turnip-shaped. 15c. oz.;  $\frac{1}{4}$  lb., 50c.; \$1.50 lb.; 5 lbs., \$6.75; 10 lbs., \$12.50.

**Lentz Early.** Fine for sowing in hotbeds and outdoors early. It is a desirable winter variety; blood red. 15c. oz.;  $\frac{1}{4}$  lb., 50c.; \$1.50 lb.; 5 lbs., \$6.75; 10 lbs., \$12.50.

**Michell's Ideal.** (New). A splendid turnip-shaped variety splendid for early summer use or as a winter keeper. (Crop failed.)

**Michell's Winter Keeper.** (New). Globe shape, rich red, tender and sweet, one of the best winter varieties. 20c. oz.;  $\frac{1}{4}$  lb., 60c.; \$2.25 per lb.; 5 lbs., \$11.00; 10 lbs., \$20.00.

### BEETS. Mangel Wurzel. See page 20

#### BASIL (Herb)

25c. oz.; per  $\frac{1}{4}$  lb., 75c.; \$2.75 lb.

#### BORAGE (Herb)

20c. oz.; 70c. per  $\frac{1}{4}$  lb.; \$2.50 per lb.

#### BROCCOLI

One ounce will produce 3000 plants.

A vegetable resembling cauliflower.

**White Cape.** 50c. oz.;  $\frac{1}{4}$  lb., \$2.00; \$7.00 lb.

### BRUSSELS SPROUTS

One ounce will produce 3000 plants.

**Chou de Bruxelles** (Fr.); Rosckohl (Ger.); Berza de Brusels (Ital.).

Sow seed about May 15th; transplant when about 4 ins. high in rows 3 feet apart, 2 feet apart in the row. When heads begin to crowd, the lower leaves should be broken from the stem of the plant to give them plenty of room. They are best for market after they have had a slight frost.

**Matchless Improved.** 25c. oz.;  $\frac{1}{4}$  lb., 85c.; \$3.00 lb.

### BRUSSELS SPROUTS PLANTS

(Ready in July)

50c. per 100 (by mail, 60c.); per 1000, \$4.00.



Brussels Sprouts

# MICHELL'S CHOICE CABBAGE SEED, MOSTLY LONG ISLAND GROWN.



*Early Jersey Wakefield*

Chou pomme (Fr.); Kopf Kohl (Ger.); Cavolo Cappuccio (Ital.).

One ounce will produce about 3000 plants; 4 oz. will produce enough for an acre.

Our strains are the very best to be had, selected from specimen heads in well rogued fields. Sow seeds in January or February in hotbeds, and transplant latter part of April or early in May to open ground, or an early sowing in open ground can be made as soon as weather will permit. Set the plants in rows 2 feet apart, and 12 to 18 inches apart in the row. For second early sow in April and transplant in May, or sow in May and transplant in July, setting plants in rows 3 feet apart and 2 feet in rows. Never plant cabbage in the same location two years in succession.

All seeds on this page mailed post free at prices quoted.

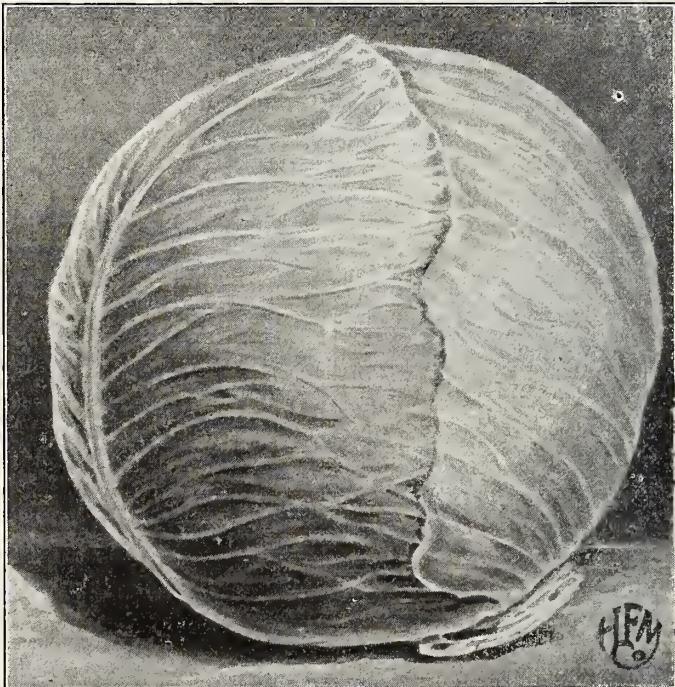
#### SPECIAL NOTICE REGARDING CABBAGE SEED

Probably not in the history of the seed industry has there been such a shortage of good cabbage seed. The severe winter of 1917 ruined practically the greatest part of the planting stock, and what remained to be planted out yielded an extremely short crop. We have a reasonable supply of high germinating seed, but suggest early ordering, as there will not be enough to go around.

A book on the Culture of CABBAGE AND CAULIFLOWER, comprehensive, interesting and instructive, 60c. postpaid.

#### MICHELL'S PRACTICAL GARDEN POINTERS

Is the title of a publication we have compiled that contains a mine of information on things horticultural and agricultural. There is a free copy for you. Even though you know all about vegetable growing, it might prove helpful.



*Danish Ball Head*

#### EARLY VARIETIES

**All Head.** The largest of the early cabbages. The head is roundish flat and remarkably solid, excellent for winter as well as early spring. \$1.00 oz.;  $\frac{1}{4}$  lb., \$3.50; \$12.00 lb.

**Copenhagen Market.** The earliest round variety in cultivation.

The heads frequently weigh as much as 10 lbs.

Denmark has always been a producer of fine cabbage and many of our best sorts have originated there; in this variety we offer a splendid sort, which should be planted by every cabbage grower. \$1.00 oz.;  $\frac{1}{4}$  lb., \$3.50; \$12.00 lb.

**Early Jersey Wakefield (Improved Strain).** The finest type of early cabbage in existence. A great improvement over the usual strains. It produces uniform pointed heads, and should be sown by every market gardener. The outer leaves form a protection for the heads, which enables it to be set out earlier than other sorts. 85c. oz.;  $\frac{1}{4}$  lb., \$3.00; \$10.00 lb.

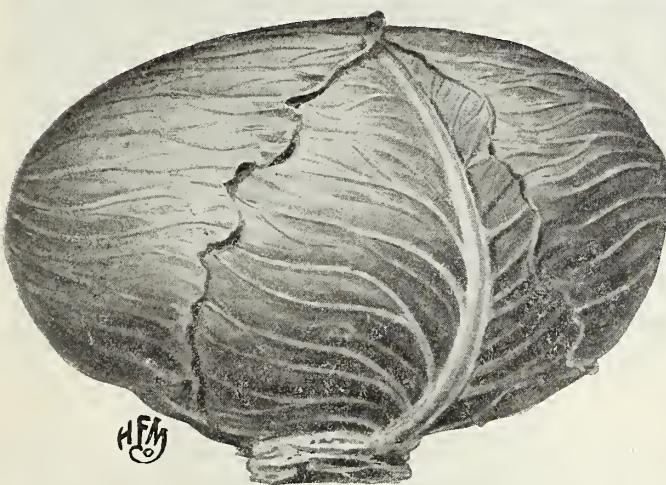
**Large Charleston Wakefield.** Similar to the Early Wakefield, but the heads are more blunt, equally as solid, while it grows almost twice the size and matures one week later. This is a splendid cabbage for market garden. 85c. oz.;  $\frac{1}{4}$  lb., \$3.00; \$10.00 lb.

**Henderson's Early Summer.** The leaves have a more bluish cast than the other cabbages; the heads are roundish flat. A fine variety for following the early types, making a splendid solid head. 75c. oz.;  $\frac{1}{4}$  lb., \$2.50; \$8.00 per lb.

# MICHELL'S CHOICE CABBAGE SEED (Late Varieties)

9

All seeds on this page mailed postpaid at quoted prices.



*Late Flat Dutch Cabbage*

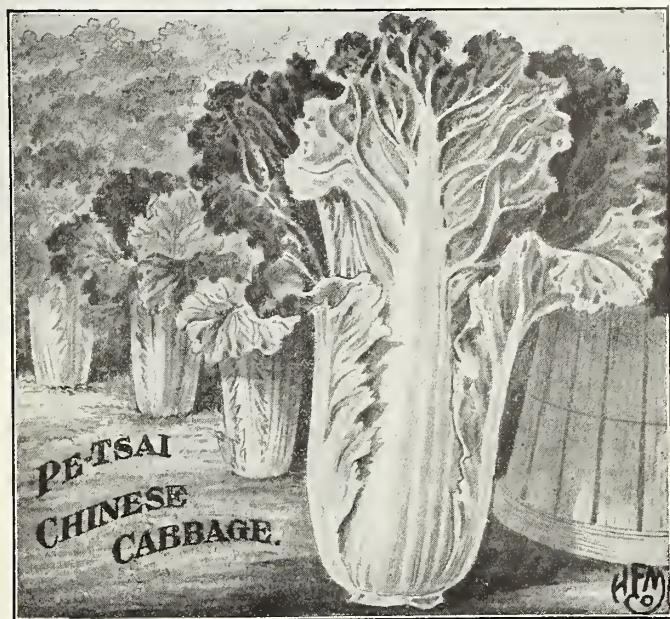
**All Season** (Vandergaw). A very large head, round and solid. It is valuable for late summer or winter use. 75c. oz.;  $\frac{1}{4}$  lb., \$2.50; \$8.00 lb.

**Danish Ball-Head** (Michell's Improved Strain). This excellent winter cabbage is unequalled for its keeping qualities, massiveness and weight. For boiling, cole slaw, sauer kraut, etc., it is ideal, being crisp, tender and sweet. One of its virtues is that it does well under most any condition of moisture or drought; heads rarely burst. \$1.00 per oz.;  $\frac{1}{4}$  lb., \$3.50; \$12.00 lb.

**Late Flat Dutch** (Improved Strain). This has been selected especially for our trade, the seed being taken from the finest type of heads which are selected for solidity and uniformity. In a row or field of this strain every head appears uniform and its excellence is apparent. There is no better keeping cabbage in existence, being very solid. For sauer kraut it is unsurpassed. 75c. oz.;  $\frac{1}{4}$  lb., \$2.50; \$8.00 per lb.

**Perfection Drumhead Savoy**. A beautifully crimped-leaved sort, color, a deep glossy green. The head is almost round. Savoy cabbage is distinctly flavored, being much sweeter than the other kinds. We recommend it highly, being one of the best cabbages grown for market. 75c. oz.;  $\frac{1}{4}$  lb., \$2.00; \$7.00 lb.

**Red Dutch Cabbage**. A red variety, used extensively for pickling. Few people can appreciate it because they have never tried it. For cole slaw it has merits over the white kinds. It is principally used for winter. 60c. oz.;  $\frac{1}{4}$  lb., \$2.00; \$6.50 lb.



## PE-TSAI (Chinese or Celery Cabbage)

Of upright growth, about 15 inches. It resembles a head of Romaine Lettuce, but possesses the attractive curly feature of Silesian Lettuce, and a broad, wide rib. The heads are very firm, almost like Cabbage. It may be served like lettuce. It makes excellent Cole Slaw; may also be cooked as Cabbage. It can be planted as a spring or autumn crop; for latter the seed is sown in July. The plants should be set from 15 to 18 inches apart, the rows 2 to  $2\frac{1}{2}$  feet apart. 25c. oz.;  $\frac{1}{4}$  lb., 75c.; \$2.50 lb.

## CABBAGE PLANTS

Ready in season according to variety.

**Early Sorts.** From hotbeds. Per 100, 50c.; per 1000, \$4.00. From Cold Frames Transplanted. 100, 75c.; per 1000, \$6.00.

**Late Sorts.** Danish Ball Head and Late Flat Dutch only. Ready July 1st. Per 100, 50c.; per 1000, \$3.50.

## CAULIFLOWER

**Choux-Fleurs (Fr.); Blumenkohl (Ger.); Cavol-Fiora (Ital.)**  
One ounce of seed will produce about 3000 plants.

Sow seeds in hotbeds or window boxes in February or March and transplant in cold frames until it is safe to plant outdoors. For second crop, sow in April and set out in May. For late crop, sow in June and set out in July. Plants should be set in rows 3 feet part, 2 feet apart in the row.

**Danish Giant**. An ideal variety for summer use, as it will stand more drought and heat than most other sorts; the heads are snow white. Pkt., 20c.; \$1.00 per  $\frac{1}{4}$  oz.; oz., \$3.50.

**Early Snowball**. A splendid early variety, for either forcing under glass in cold frames or outdoor spring planting variety, producing magnificent medium size white heads. Pkt., 20c.; \$1.00 per  $\frac{1}{4}$  oz.; oz., \$3.50.

**Half Early Paris**. A well flavored small head, suited to growing outdoors only. 10c. pkt.:  $\frac{1}{4}$  oz., 40c.; oz., \$1.25.

**Michell's Earliest Snowstorm**. Colossal heads of purest white, averaging often 10 inches in diameter; especially desirable for its earliness under glass, but does equally well in late spring, summer or autumn outdoors. Pkt., 20c.; \$1.25 per  $\frac{1}{4}$  oz.; oz., \$4.00.

**Michell's Special Strain Selected Erfurt**. One of the earliest in cultivation; the head is not as large as the Snowstorm sort. Pkt., 20c.; \$1.00 per  $\frac{1}{4}$  oz.; oz., \$3.50.

## CAULIFLOWER PLANTS (Ready about April 1st)

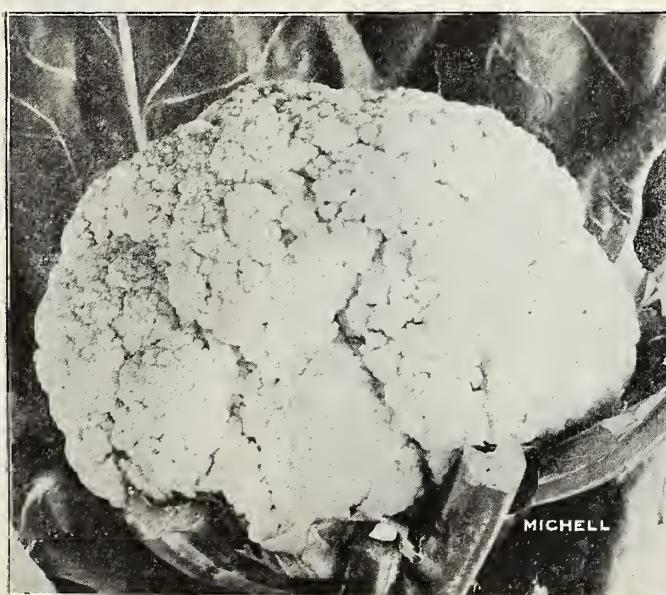
Doz.	100	1000
------	-----	------

Snowball variety only. From hotbeds ..... \$0.20 \$1.25 \$8.00

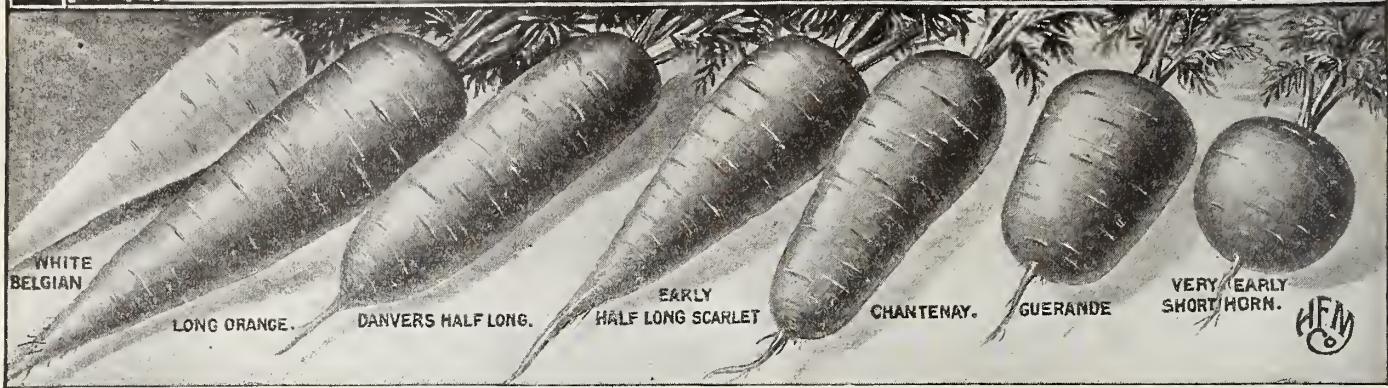
Snowball variety only. Pot-grown plants..... .65 5.00

**CARAWAY** (Herb). 25c. oz.; per  $\frac{1}{4}$  lb., 85c.; \$3.00 lb.

**CATNIP** (Herb). .10c. per pkt.



*Michell's Earliest Snowstorm*



All seeds on this page mailed post free at quoted prices.

#### Carotte (Fr.); Mohruben (Ger.); Carota (Ital.)

One ounce will sow 100 ft. of drill; 3 to 4 lbs. per acre.

For an early crop sow as soon as danger from frost is over in rows 1 foot apart; when 2 inches high, thin out to stand 2 ins. apart in the row. For late crop sow in May or June. The long sorts sow early, the half-long and round sorts can be sown later.

**Chantenay Half-Long.** Fine orange scarlet color, very productive; especially desirable for market or home use. The flesh is tender, firm and finely grained; 5 inches long, stump-rooted. Oz., 15c.; 50c.  $\frac{1}{4}$  lb.; lb., \$1.50.

**Danvers Half-Long.** The best variety for general crop; rich orange color, a very heavy yielder and splendid keeper, a first-class carrot for all soils, and valuable both for table and stock, 6 to 7 ins. long, stump-rooted. We have an extra fine strain of this favorite sort. Oz., 15c.; 50c.  $\frac{1}{4}$  lb.; lb., \$1.50.

**Early Half-Long Scarlet.** A very desirable pointed root variety, coming in between the Scarlet Horn and the Long Orange; early, of fine flavor and good color, can be sown in hotbeds for early use; 5 to 6 inches long. Oz., 15c.; 50c.  $\frac{1}{4}$  lb.; lb., \$1.50.

**Early Scarlet Horn.** A favorite early red variety, fine grain and good flavor; stump-rooted, about 6 inches long. Oz., 15c.; 50c.  $\frac{1}{4}$  lb.; lb., \$1.50.

**Guerande or Oxheart.** A desirable variety on soils too hard and stiff for the longer growing sorts, as it is not over 3 or 4 inches long. It has a very fine flavor and is colored a rich orange. Oz., 15c.; 50c.  $\frac{1}{4}$  lb.; lb., \$1.50.

**Improved Long Orange (Michell's Special Strain).** Deep orange color, 10 inches long, good flavor, yields heavily; is of excellent table quality, and is also the best for stock feeding; point rooted. Oz., 12c.; 40c.  $\frac{1}{4}$  lb.; lb., \$1.25.

**Orange Beauty.** A first-class carrot in every respect. Medium long-point rooted and a splendid winter keeper. 15c. oz.;  $\frac{1}{4}$  lb., 50c.; \$1.50 per lb.

**Rubicon Half-Long.** The best in shape, and its deep red orange-colored flesh is of finest quality; stump-rooted. It is earlier than the Danvers and about the same length; extremely well adapted for early forcing and for growing outside. Oz., 15c.; 50c.  $\frac{1}{4}$  lb.; lb., \$1.50.

**Very Early Short Horn Scarlet or French Forcing.** An early forcing variety; small round root, not much larger than a radish. It may be sown outdoors as well as under glass. Oz., 15c.; 50c.  $\frac{1}{4}$  lb.; lb., \$1.50.

**White Belgian.** Used principally for stock, not being desirable for table, produces a long thick white root. It is also used for soilings or turning under; being a valuable humus maker. It is about 8 to 10 inches long with a green top. 10c. per oz.;  $\frac{1}{4}$  lb., 35c.; \$1.00 per lb.

#### CHIVES (Schnittlauch)

Indispensable for flavoring certain dishes, it imparts a mild onion taste. The plants are hardy and will last for years; don't cut the plant too close when gathering. For winter use, lift and plant in a pot or box and place in a sunny window in the kitchen. Seed. 15c. per  $\frac{1}{2}$  oz.; 1 oz., 30c.

**Strong Plants.** 12c. each; doz., \$1.25; \$7.50 per 100.

#### Testimonial

Cotuit, Mass.

Your seeds have proved more than satisfactory, in fact much better than some others I have had. The Tomato Crack-erjack cannot be beat, and you cannot say too much for same. It is just what I've been looking for, and last season it was highly satisfactory to me.

EVERETT L. HOXIE.

All prices subject to change without notice

(hb)

#### CHERVIL

One ounce will sow a row 25 feet long.

An aromatic plant used extensively in Europe as a salad seasoning. It adds a flavor that is entirely its own. When chopped fine and scattered on buttered potatoes it is a rare treat. American gardeners should become familiar with this, as they are missing one of the best things that grow. Sow it in a row like parsley, which it somewhat resembles. For a continuous crop, sow every two weeks, if one has heated frames or a greenhouse. It can be cut 4 or 5 weeks after sowing.

**Double Curled.** Oz., 15c.;  $\frac{1}{4}$  lb., 55c.; \$2.00 per lb.

#### CHICORY

**Witloof.** This grows in a solid oblong head and blanches ivory white. When lifting, cut whole head with part of the roots to hold the leaves together. It is the choicest of all the winter salads and is used to such an extent in this country that much of it is imported.

The seed should be sown thinly in drills in May and be well cultivated during the growing season; after a few sharp frosts the tops should be pulled off and the roots stored in a cool, frost-proof cellar, and forced during the winter as desired.

45c. per oz.;  $\frac{1}{4}$  lb., \$1.25; \$4.50 per lb.

#### CORIANDER (Herb)

15c. per oz.; per  $\frac{1}{4}$  lb., 50c.



Witloof Chicory

#### COLLARDS

Four ounces of seed will produce enough plants for an acre.



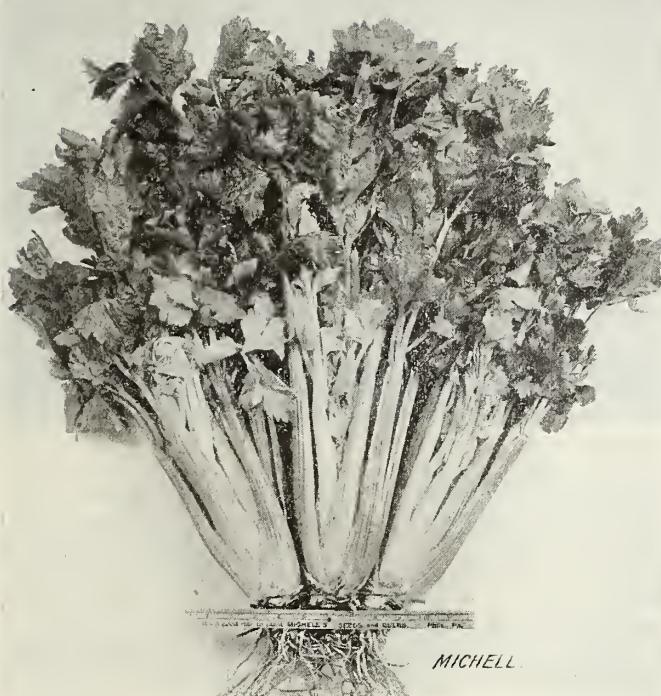
Georgia Collards

These are extensively grown in the south and used as greens during the winter months. In that latitude the plant is practically hardy. The lower leaves are pulled off and used, when new ones then form on the upper part of the stem, which increases in height. They are planted much like cabbage. They also make splendid winter food for poultry and lambs.

**Georgia or Southern.** 15c. per oz.;  $\frac{1}{4}$  lb., 50c.; \$1.50 per lb. postpaid.

#### MICHELL'S PRACTICAL GARDEN POINTERS

Is the title of a publication we have compiled that contains a mine of information on things horticultural and agricultural. There is a free copy for you.

*Celery, Michell's Easy Blanching**Celery, New Columbia*

## MICHELL'S CHOICE CELERY

Celeri (Fr.); Sellerie (Ger.); Sedano (Ital.).

One ounce of Seed will produce 3000 to 5000 plants; half-pound sufficient for one acre.

Sow in hotbeds or in open ground in drills in April. See that no weeds infest the seed bed or the drills; transplant in rows 3 feet apart, 6 inches apart in the row.

All Seeds on this page mailed post free at prices quoted.

### EARLY VARIETIES

(For Thanksgiving and Christmas Use)

**Easy Blanching.** A splendid first early variety, being ready in October, producing enormous thick stalks which are very crisp. 75c. oz.;  $\frac{1}{4}$  lb., \$2.50; \$8.00 lb.

**Golden Self Blanching** (French Grown Seed). One of the earliest and most productive sorts. The beautiful golden-colored stalks attain a height of 18 inches, which are never pithy, of excellent flavor, ready in October, but may be kept for early winter use. 75c. oz.;  $\frac{1}{4}$  lb., \$2.50; \$8.00 lb.

**Golden Self Blanching** (American Grown Seed). From seed stock renewed annually from France. 40c. oz.;  $\frac{1}{4}$  lb., \$1.25; \$4.00 lb.

**Rose Ribbed Paris Self Blanching.** A very solid, crisp, desirable sort; the stalks when blanched are a beautiful rose-pink. (Crop failed.)

**Pink Plume.** A splendid table novelty; splendid flavor, crisp, and not stringy. Oz., 25c.; 75c.  $\frac{1}{4}$  lb.; lb., \$2.50.

**White Plume** (Michell's Private Stock). The standard early celery for market garden. The stalks and heart, which blanch very quickly to almost a pure white, are very crisp and brittle. It can be used early in November and is of the finest quality. Our strain of seed is very superior in every way. 30c. oz.;  $\frac{1}{4}$  lb., 85c.; \$3.00 lb.

### LATE WINTER VARIETIES

**Giant Pascal.** It is in its prime for use during February and March, and can be used well up into spring. 20c. oz.;  $\frac{1}{4}$  lb., 65c.; \$2.25 lb.

**Winter King** Perfectly solid, crisp and of a delicious flavor. Blanches well and will keep longer than any other variety. 30c. oz.;  $\frac{1}{4}$  lb., 85c.; \$3.00 lb.

**Winter Queen.** A medium tall, solid variety; will retain its qualities long through the winter. The heart is very full and large. 15c. oz.,  $\frac{1}{4}$  lb., 50c.; \$1.50 lb.

**New York (New).** The earliest Celery in cultivation. Very large and solid and of excellent qualities. Self blanching. 30c. oz.;  $\frac{1}{4}$  lb., 85c.; \$3.00 lb.

**New Columbia.** A new variety of great merit, a medium tall sort, producing a large, heavy stalk; has splendid keeping qualities. 30c. oz.;  $\frac{1}{4}$  lb., 85c.; \$3.00 lb.

**CELERY PLANTS** (Ready in July)  
50c. per 100; per 1000, \$4.00.

### CELERY FOR FLAVORING

Not for sowing. 15c. per  $\frac{1}{4}$  lb.; lb., 40c.

### CELERY PAPER

For winter protection; 500 sq. ft., per roll, price on application.

### CELERY TAPE

Fast red, in 1000-yard spools, \$6.25 per spool.

### CELERIAC

This vegetable is used for two purposes: The leaves are cut when young and used to flavor soups and meats. The roots are boiled, sliced, cooled, and served as a salad. Sells readily in some markets.

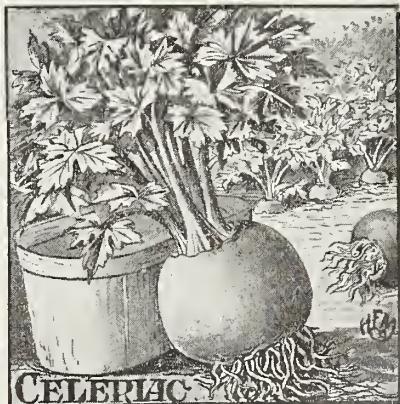
**Giant Prague.** 25c. oz.;  $\frac{1}{4}$  lb., 75c.; \$2.50 lb.

### CITRON

(Preserving Melon)  
10c. oz.;  $\frac{1}{4}$  lb., 35c.; \$1.00 lb.

### CHARD

**Swiss Chard, Giant Lucullus**  
Oz., 20c.; 60c.  $\frac{1}{4}$  lb.; lb., \$2.00.



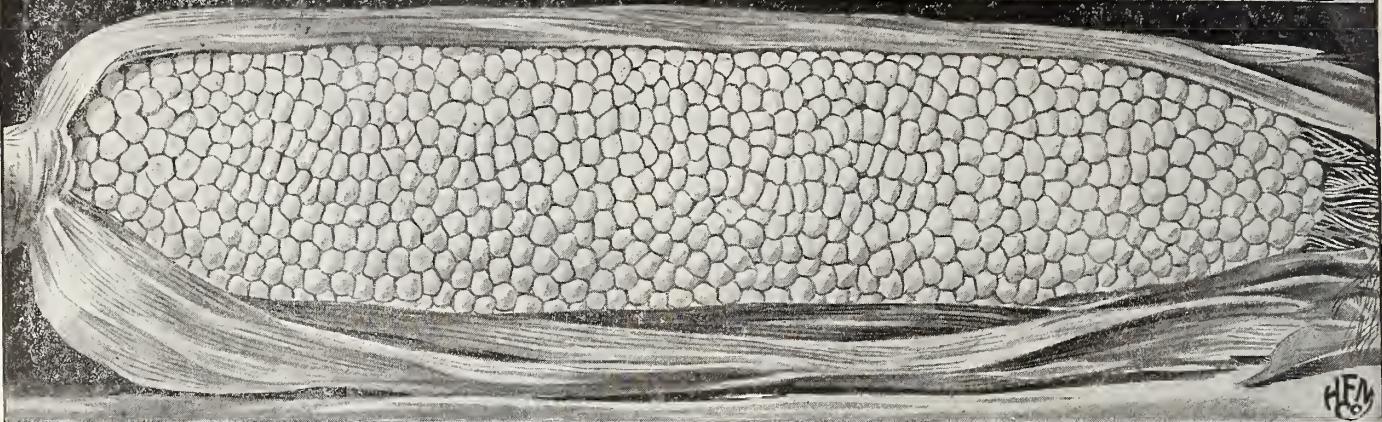
### Testimonial

Oshawa, Ont.

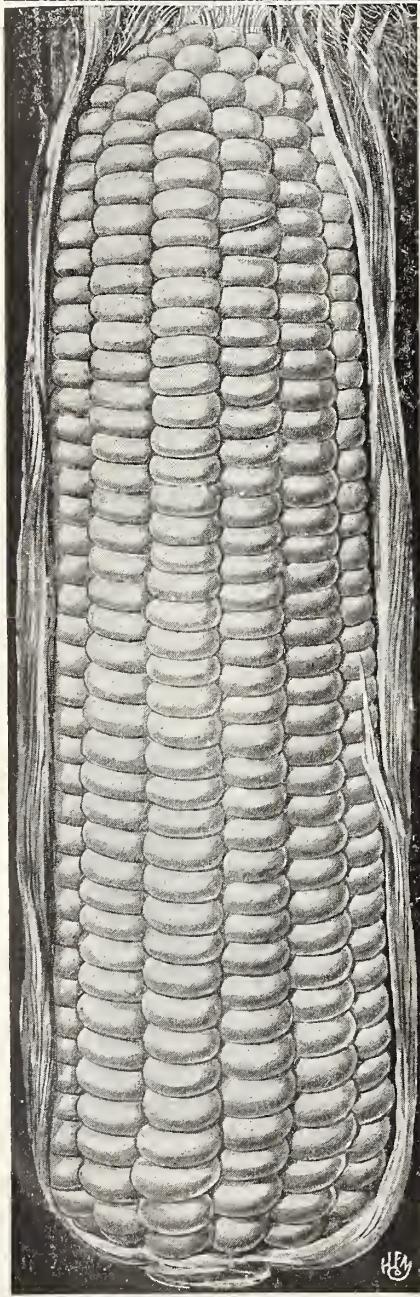
Your name I have found connected with what seems the best strains of vegetable seeds tried at the Pennsylvania State College. I want to put in an acre of Tomatoes "Earliana." Please send me enough seed for 4000 plants.

W. M. AIKENHEAD.

# MICHELL'S SELECTED SUGAR CORN.



HFM



Michell's Delicious. (See page 13)

*Country Gentleman, Michell's Improved Strain. See page 13*

Mais (Fr.); Welschkorn (Ger.); Grano Turco (Ital.)

One quart will plant about 200 hills; 8 to 10 quarts will plant an acre.

Plant once a week from the moment the ground is permanently warm until July 15th. Drop from 6 to 8 grains in hills three feet apart each way, or in rows three feet apart; if the latter, thin out so the plants stand 12 inches apart; if left in hills, thin out when 4 inches high to 3 to 4 strong plants to the hill. The early varieties should be planted for a late crop to be sure of maturity.

**NOTE.**—If corn is wanted by parcel post allow for mailing charges.

**PLEASE NOTE.**—Sugar Corn is now sold by the pound instead of the pint, quart, peck and bushel. 1½ pts. equals about 1 lb.

#### EARLY VARIETIES

**Bantam Evergreen.** A splendid extra early yellow variety claimed to be earlier than Golden Bantam, with much larger ears. 35c. lb.; 5 lbs., \$1.50; 10 lbs., \$2.75; 25 lbs., \$6.00; \$11.50 for 50 lbs.

**Crosby's Extra Early.** An old favorite sort. Ears small, grain exceedingly sweet, heavy producer. Many market gardeners still rely on this sort for their first picking. 35c. lb.; 5 lbs., \$1.50; 10 lbs., \$2.75; 25 lbs., \$6.00; 50 lbs., \$11.50.

**Early Mayflower.** An improved White Cory, maturing very early; it is dwarf in growth with large, well-filled ears. 35c. lb.; 5 lbs., \$1.50; 10 lbs., \$2.75; 25 lbs., \$6.00; \$11.50 for 50 lbs.

**Early Evergreen.** This variety is closely allied to Stowell's in shape, flavor and style, but is much earlier, produces large well-shaped ears with deep grains. 35c. lb.; 5 lbs., \$1.50; 10 lbs., \$2.75; 25 lbs., \$6.00; 50 lbs., \$11.50.

**Golden Bantam.** While yellow in color, this is the sweetest and earliest corn in existence, if once planted it will be a sure favorite. The ears are medium size, tender and delicious. The plant is of dwarf growth, we recommend it very highly for the home garden. Many people have an idea that yellow corn for the table is not practical, but one taste of Golden Bantam will change their mind. Try it on your market or home trade. 30c. lb.; 5 lbs., \$1.40; 10 lbs., \$2.60; 25 lbs., \$6.00; 50 lbs., \$11.50.

**Golden Cream.** A cross between Country gentleman and Golden Bantam and combines the excellent qualities of both. It is almost as early as Golden Bantam, has deeper grains, and a larger ear. When picked ripe is light yellow; after being cooked it is darker yellow. 35c. lb.; 5 lbs., \$1.50; 10 lbs., \$2.75; 25 lbs., \$6.00; 50 lbs., \$11.50.

#### Testimonial

Palmyra, N. J.

April 26, 1917.

The first year I had a garden (1912) I tried seeds from three or four places, but as I found yours to be superior, I have since never gone elsewhere for my garden needs.

F. W. CLEMENT.

**Howling Mob.** Although an early variety, the ears are much larger than most of the other early sorts, while the grains are much whiter and sweeter. A splendid sort for the market gardener as well as for home use. Might be classed worm proof, since the husk covers the ear completely and in a tight fashion. It follows the Adams Extra Early types, which are not near so sweet. 30c. lb.; 5 lbs., \$1.40; 10 lbs., \$2.60; 25 lbs., \$6.00; \$11.50 for 50 lbs.

**Ideal.** The grower of this variety has been carefully selecting it for many years. Exceedingly early and large yielder. It is not quite as sweet as some other varieties, it is, though, nevertheless, well flavored and its extra fine feature outweighs all other points against it. It comes in sooner than other white-kernel varieties like Adams Extra Early. 30c. lb.; 5 lbs., \$1.40; 10 lbs., \$2.60; 25 lbs., \$6.00; \$11.50 for 50 lbs.

**Kendel's Early Giant.** Large ears, large deep grain, well flavored and extra sweet. The ears are very cylindrical. An ideal sort for the first and last planting. Just the variety to grow for market garden trade, it gives the housewife a lot of splendid quality for her money 30c. lb.; 5 lbs., \$1.40; 10 lbs., \$2.60; 25 lbs., \$6.00; \$11.50 for 50 lbs.

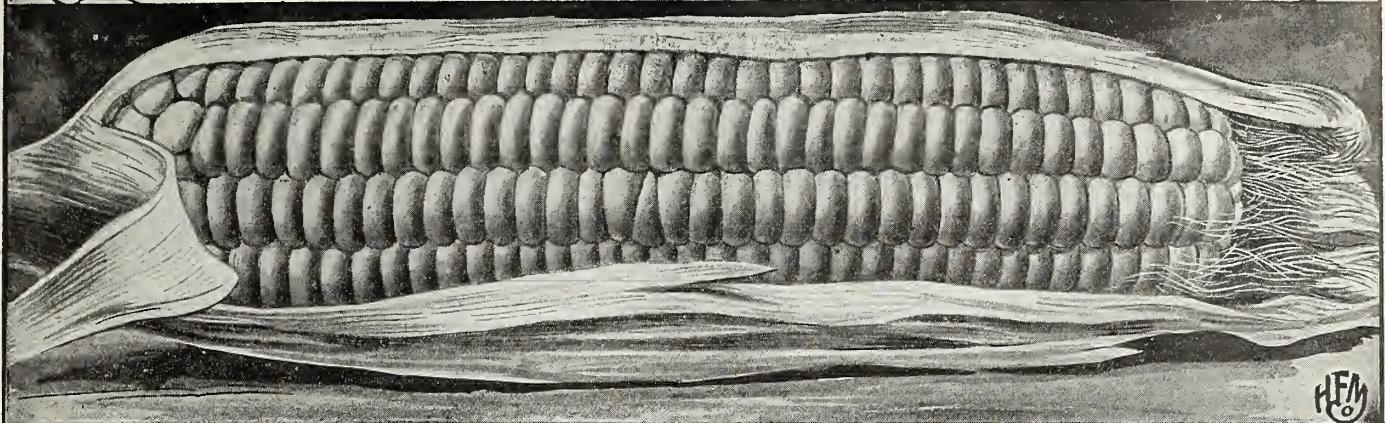
**Stabler's Extra Early.** This is the standard early sort for the market garden. The large ear is well arrayed with even grains which cook pure white and are very tender. 30c. lb.; 5 lbs., \$1.40; 10 lbs., \$2.60; 25 lbs., \$6.00; \$11.50 for 50 lbs.

#### SUGAR CORN ON EARS

Many planters prefer to buy seed sugar corn on the ear, and for these we have arranged to carry in stock supply of large selected specimens of **Country Gentleman**, Stowell's **Evergreen**, Kendel's **Early** and Stabler's **Early**. 15c. each; per doz., \$1.50; \$10.00 per 100.

#### CHOICE FIELD CORN FOR SEED

We are headquarters for the leading varieties, which we have had grown on contract especially for us in various localities best suited to yield and development. We will be pleased to mail samples of field corn and quote prices. See page 32 for a complete list of sorts we sell.



HFM

*Golden Bantam*

**NOTE.**—Sugar Corn is now sold by the pound instead of by the pint, quart, peck and bushel;  $1\frac{1}{2}$  pts. weigh about 1 lb. If sugar corn is wanted by parcels post, please allow for mailing charges.

## MEDIUM AND LATE VARIETIES

**Black Mexican.** A medium late variety, reputed to be without exception the sweetest corn grown; while the grains are young they cook white, as the ear becomes older it cooks a violet shade on the outside, but in either stage of growth it is desirable. The ears are medium sized and are produced abundantly. We would not recommend this as a market variety unless one has an exclusive trade that demands it. 35c. lb.; 5 lbs., \$1.50; \$2.75 per 10 lbs.; 25 lbs., \$6.00; \$11.50 per 50 lbs.

**Country Gentleman** (Michell's Improved Strain). A distinct sort, with deep, fine grains which are staged irregularly on the cob. In sweetness it is unapproached and for this reason it should recommend itself to every planter. The ears are large and borne on stalks about 6 feet high, a very productive variety and desirable for market use. Our Improved Strain is a careful selection of the finest types of ears from stalks, making a larger than usual yield and will give unusual satisfaction. 35c. lb.; 5 lbs., \$1.50; \$2.75 per 10 lbs.; 25 lbs., \$6.00; \$11.50 per 50 lbs.

**Little Gem or Shoe Peg (Ne Plus Ultra).** This variety is closely allied to Country Gentleman and resembles it so closely that it is difficult to separate the two. 35c. lb.; 5 lbs., \$1.50; \$2.75 per 10 lbs.; 25 lbs., \$6.00; \$11.50 per 50 lbs.

**Michell's Delicious.** The name hardly describes this sort. Some twenty years ago it was selected by an old-time Philadelphia gardener who bred it until he had it perfect. Ever since we acquired control thereof we have placed it with our best sugar corn grower in New England with instructions to grow it for us exclusively and keep reselecting it. The ears are well filled, medium in size and mature after the early varieties. 35c. lb.; 5 lbs., \$1.50; \$2.75 per 10 lbs.; 25 lbs., \$6.00; 50 lbs., \$11.50.

**Stowell's Evergreen** (Michell's Improved Strain). The best late corn grown. The ears are extra large, produced in great abundance; stalks often grow to a height of 7 feet. In sweetness it is unexcelled and for this reason it is the great favorite of the market gardener. Our strain has been reselected and represents not only a superior quality, but a most distinct advance in every way of this splendid variety. 30c. lb.; 5 lbs., \$1.40; \$2.60 per 10 lbs.; 25 lbs., \$6.00; \$11.50 per 50 lbs.

## POP CORN

There is hardly a home in this vast country where the popping of corn is not considered an excellent pastime during the long, dreary evenings of winter. When popped, buttered and sugared it is not only delicious, but healthful. Not all popcorn is in the right condition for popping. What we offer, however, can be relied upon for planting and popping.

**Queen's Golden (Pops White).** Lb., 20c.; 3 lbs., 55c.

**White Rice.** Lb., 20c.; 3 lbs., 55c.

## CORN SALAD (Fetticus)

**Mache Ronde (Fr.); Ackersalat (Ger.)**

This is principally sown for a supply of greens during winter and early spring months. Sow in September broadcast; when cold weather approaches, cover it with a litter of leaves or long manure; and upon approach of spring the covering can be taken off entirely. It can be gathered on mild days during winter.

**Large Seeded, Round Leaved.** 15c. oz.;  $\frac{1}{4}$  lb., 55c.; lb., \$2.00.

### Testimonials

Hastings, Nebraska.

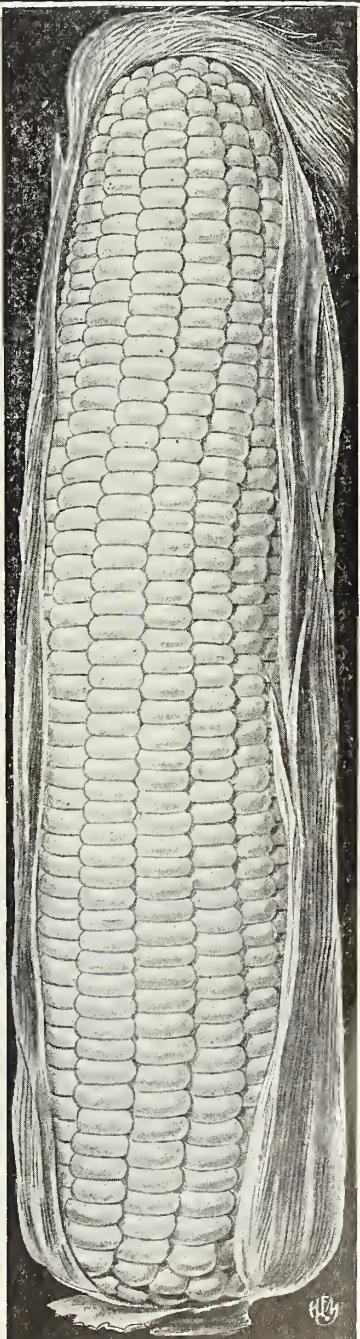
All the seed I bought of you did well and gave the best of satisfaction, and your service cannot be excelled.

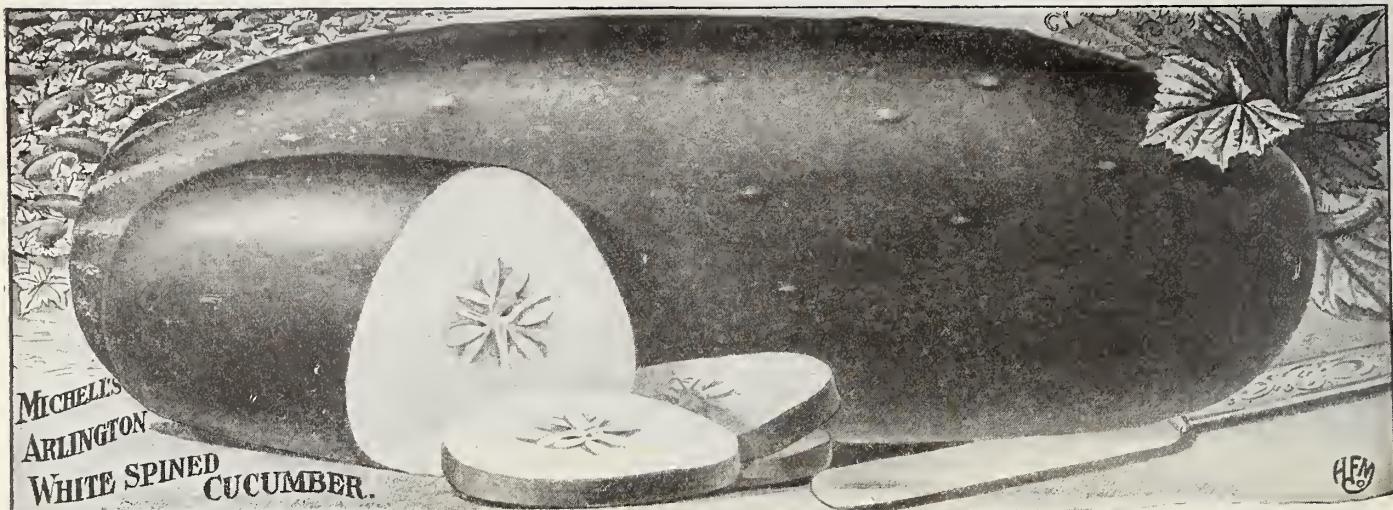
C. W. WINKLER.

St. Catherines, Ont., Canada.

We bought some Asparagus roots from you four years ago. They have given great satisfaction. I enclose an order for more of the same quality.

McSLOY BROS.





## CUCUMBER

**Concombre (Fr.); Gurken (Ger.); Cetriolo (Ital.).** One ounce of seed will plant 60 hills; 2 to 3 pounds per acre

Plant when the ground has become thoroughly warmed, in hills 4 feet apart each way, 8 seeds in a hill; when the second set of leaves have formed thin out to 4 plants. A type of beetle attacks this crop occasionally, which can be conquered by spraying the vines with Pyrox or Arsenate of Lead; when this is used always wash the fruits thoroughly before placing them on sale.

**Davis' Perfect.** This remarkably fine variety is suited for growing under glass as well as outdoors. The fruits are uniform in shape and size, measuring often 10 to 12 inches. Its color is dark green all over and it is quite smooth and very productive. 15c. oz.;  $\frac{1}{4}$  lb., 50c.; \$1.50 lb.

**Emerald.** A dark green early sort, very smooth and prolific, it grows very straight, measuring on the average 8 inches. It is not as thick as some sorts, thus making it valuable for slicing. 15c. oz.;  $\frac{1}{4}$  lb., 50c.; \$1.50 lb.

**Evergreen.** The name is derived from its dark green color-retaining qualities, a thick fruit measuring about 8 to 9 inches long. 15c. oz.;  $\frac{1}{4}$  lb., 40c.; \$1.25 lb.

**Gherkin or Burr Cucumber.** For pickling only; the small fruits are roundish long, about 2 inches; very prickly when green. 15c. oz.;  $\frac{1}{4}$  lb., 50c.; \$1.50 lb.

**Japanese Climbing.** A trellis variety used for shade as well as eating purposes. The vine is very ornamental, producing extra long light green fruits in abundance. 10c. oz.;  $\frac{1}{4}$  lb., 35c.; \$1.25 lb.

**Jersey Pickle or Green Prolific.** This sort can be used for slicing, but is best for pickling on account of its size, which averages 5 inches; makes ideal "Dill Pickles" as sold extensively in the delicatessen stores. 15c. oz.;  $\frac{1}{4}$  lb., 50c.; \$1.50 lb.

All seeds on this page mailed post free at quoted prices.

**Long Green Turkey.** This is one of the large varieties, used principally for slicing. Its dark color makes it desirable for market. The vines are very vigorous and productive, the fruits are formed almost as early as the short sorts; they are firm, crisp and have a fine flavor. 20c. oz.;  $\frac{1}{4}$  lb., 60c.; \$2.00 lb.

**White Spined (Michell's Arlington Improved).** This cucumber is conceded to be absolutely perfect in form, color, size and productiveness and is, therefore, the leading sort for the market garden, and also with those who make a specialty of growing them under glass. The fruit is smooth, deep green to the tip and measures uniformly 8 inches in length. It has few seeds, making it a valuable variety for slicing or pickling. A splendid keeper, retaining its color remarkably; the seed we offer is an extra selection. 15c. oz.;  $\frac{1}{4}$  lb., 50c.; \$1.50 lb.

## ENGLISH FORCING CUCUMBERS

These are splendid for growing in hotbed frames during the summer months, in preference to the open garden ground. They can thus be started earlier and protected during cool nights, as they are more tender than the regular outdoor variety, as well as under glass in greenhouses during the winter. They produce fruits generally 18 to 24 inches long and 3 inches in diameter. They have a delicate flavor and possess very few seeds; for slicing, no other sorts can approach them.

**Lockie's Perfection, Sion House, Telegraph, Tender and True.** Per packet of 12 seeds of either of the 4 sorts above, 25c. each; \$2.00 per 100 seeds.

## WATER CRESS

This desirable cress may be sown early in spring near the brink of a pond of spring water or piece of running water. Just scatter the seed and it will sprout and grow with wondrous rapidity; once established it remains for years, re-seeding itself. **True Erfurt.** 60c. oz.;  $\frac{1}{4}$  lb., \$2.00; \$7.50 lb.

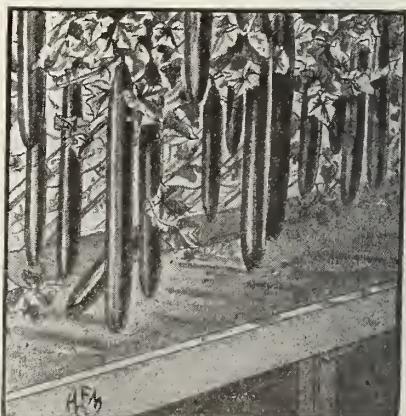
## GARDEN CRESS (Pepper Grass)

Sow thickly in early spring in drills one foot apart, and follow every two weeks, up to August 1st, with a new sowing, as it quickly runs to seed. Its very desirable pungent taste is acceptable to most any one who is fond of garden greens. It is eaten prepared with either a little salt and vinegar, or without. Makes a very tasty salad.

**Extra Curled.** 10c. oz.;  $\frac{1}{4}$  lb., 25c.; 75c. lb.



Water Cress



English Greenhouse Cucumbers

# MICHELL'S VEGETABLE SEEDS

15

All seeds offered on this page (not plants) mailed postpaid at quoted prices.

## DANDELION

Pissenlit (Fr.); Loewenzahn (Ger.); Amargone (Ital.)

While this name applies to one of the most obnoxious of weeds, this variety is a valuable vegetable, grown in quantities for the New England markets, where it is prized as the first spring greens. The leaves, which are very fleshy, are boiled and served hot or cold; not alone is it appetizing, but very healthy and highly recommended by physicians. Seed should be sown in spring thickly in the garden, where the plants should remain for the season; late in the fall cover the bed with a movable sash or leaves or salt hay for protection. To be real tender it must be used very early in the spring, after which the bed should be destroyed, unless it is desired to make wine from the flowers. A new bed should be made each season.

**Thick Leaved or Cabbaging.** 75c. oz.;  $\frac{1}{4}$  lb., \$2.25; \$7.50 lb.

## DILL Herb (Annual)

Used extensively for culinary use and for putting with cucumbers when pickling, producing the famous "Dill Pickles." 10c. oz.;  $\frac{1}{4}$  lb., 30c.; \$1.00 lb.

## EGG PLANT

Aubergine (Fr.); Eierpflanze (Ger.); Petonciano (Ital.)

**One Ounce will produce about 2000 plants**

Sow seed in March in hotbeds and when 3 inches high transplant into small pots or otherwise. Plant outdoors in May or June, or after the weather has become permanently warm. The rows should be 3 feet apart and the plants set 2 feet apart in the row.

## SELECTED NEW JERSEY GROWN SEED

**Black Beauty.** An extra early large variety, almost black in color, very prolific and with few seeds. 60c. oz.;  $\frac{1}{4}$  lb., \$2.00; \$7.50 lb.

**Michell's New York Improved.** An old standard, quite large and more elongated than the Black Beauty, of a rich purple color. 50c. oz.;  $\frac{1}{4}$  lb., \$1.75; \$6.00 lb.

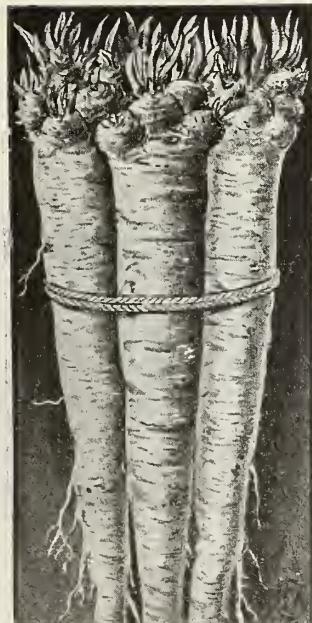
## EGG PLANT PLANTS (Ready May 15th)

**New York Improved, Black Beauty**  
Pot grown at our own nurseries  
Per doz., 65c.; \$5.00 per 100.

## FENNEL (Herb)

15c. per oz.; per  $\frac{1}{4}$  lb., 50c.; \$1.50 per lb.

**HERBS** (Garden and Medicinal)  
(See page 31)



Maliner Kren Horse Radish

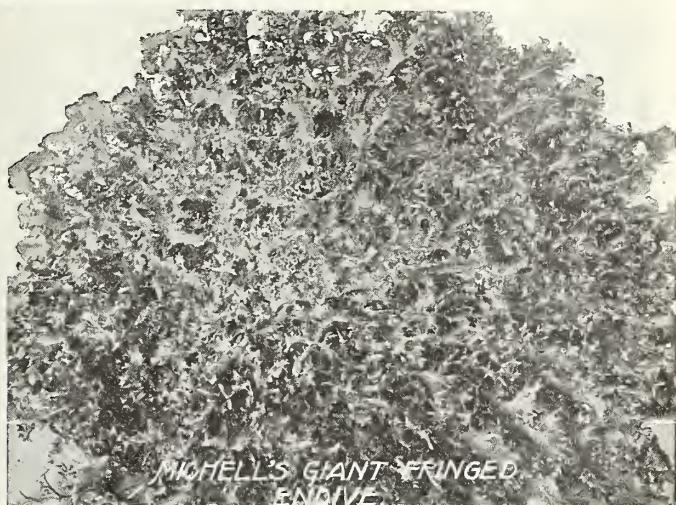
## HORSERADISH ROOTS

Raifort (Fr.); Meerrettig (Ger.); Raffano (Ital.)  
(Ready in March)

Set the roots in spring in rows six inches apart, about the same distance apart in the row. Late in the fall lift as many roots as you think you will use, cut off the top, place them in a cool cellar covered with soil or sand, and market as required. A bed once planted remains for years.

**Maliner Kren** (Bohemian). Quick-growing variety, now the very best horse radish grown. Large, strong cuttings. We are listing this variety exclusively, having discarded the common variety. 75c. per 100. (Postpaid, 85c.) \$6.50 per 1000.

All prices subject to change without notice



## ENDIVE

(Sometimes called Chicory)

Chicoree (Fr.); Endivien (Ger.); Indivia (Ital.)

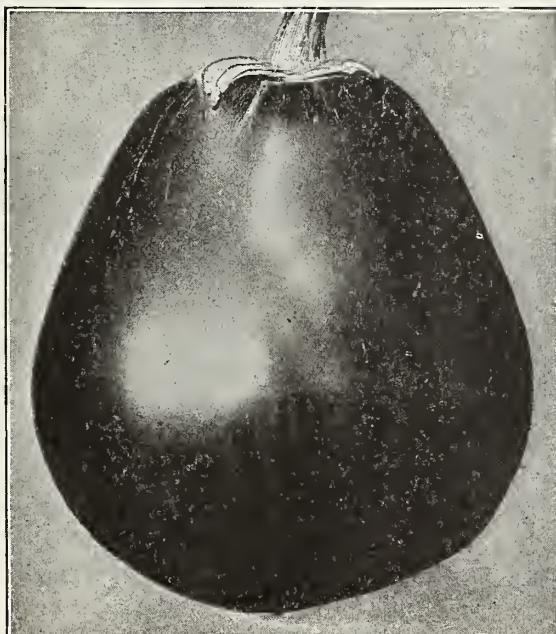
**One ounce will sow a row 200 feet.**

Sow from June to August in shallow drills and when 2 inches high thin out so the plants stand 10 inches apart. When fairly well developed tie the plants together at the top with twine, but do this at a time when the leaves are dry; this is called the blanching process. If the plants are protected they may be left outdoors till Christmas. If wanted for later use they must be lifted late in the autumn, placed in a dry cool cellar, covering the roots with soil.

**Broad-Leaved Batavian** (Escarole). Leaves broad, light green, nearly plain. 15c. oz.;  $\frac{1}{4}$  lb., 50c.; \$1.75 lb.

**Giant Fringed** (Oyster Endive). A variety with a large white heart and broad leaves; heads measure 15 inches in diameter. 15c. oz.;  $\frac{1}{4}$  lb., 50c.; \$1.75 lb.

**Improved Green Curled**. An improvement over the common green variety, producing a larger head and more leaves. 15c. oz.;  $\frac{1}{4}$  lb., 50c.; \$1.75 lb.



Black Beauty Egg Plant

**White Curled** (self-blanching). This is the finest White Curled variety; always crisp and tender. 15c. oz.;  $\frac{1}{4}$  lb., 50c.; \$1.75 lb.

## GARLIC SETS

Ail (Fr.); Knoblauch (Ger.); Aglio (Ital.)

A bardy flavoring onion, used extensively in the French method of cooking. This variety should not be compared with the common field sort, as this produces large bulbs. Plant and harvest the same as onions. These always find a ready sale in the markets. 30c. per lb.; \$1.40 for 5 lbs.

## HOP VINE

Besides being used in culinary and medicinal ways, this makes a valuable shade plant, placed on arbors, trellises, etc. It is hardy and rarely winter kills. The hops are gathered about September and stored for use on a dry floor or hung in bags.

**Pot-Grown Plants, Green Variety.** Doz., \$1.25; \$8.00 per 100.

(hb)

# 16 MICHELL'S CHOICE STRAINS OF LETTUCE

## HEADING VARIETIES

Laitue (Fr.); Lattich Garten Salat (Ger.); Lattuga (Ital.). One ounce of seed will produce about 2500 plants.

**NOTE.**—All seed offered on this page mailed postpaid at prices quoted.

**Hanson Improved.** Tremendous solid heads; the outer leaves are curled; the interior is almost white and very tender; stands the heat well, therefore excellent for summer use; this produces probably the heaviest head of lettuce of any variety. 15c. oz.;  $\frac{1}{4}$  lb., 50c.; \$1.50 lb.

**May King.** The first solid head lettuce to mature outdoors, hence its name; it is of good size with tender, full heart. Suitable for sowing under sash in early spring; outside leaves tinged golden brown. 15c. oz.;  $\frac{1}{4}$  lb., 50c.; \$1.50 lb.

**Michell's Number One.** This lettuce is a positive header under most trying conditions. It is tender, of a decided buttery flavor, and unusually large. A valuable type for hot weather; also desirable for autumn use. Will command twice the price of other sorts. Should not be used for forcing. 15c. oz.;  $\frac{1}{4}$  lb., 50c.; \$1.75 lb.

**Prize Head.** A splendid loosely-formed head, claimed to do where all others fail, desirable for outdoor planting, only has a dark tinge on the outer leaves, good for spring and summer use. 15c. oz.;  $\frac{1}{4}$  lb., 50c.; \$1.50 lb.

**Salamander (Mammoth).** One of the best midsummer varieties, resisting heat and drought and remains in heading condition longer than many others. The heads are enormous, a fresh green color; loose leaves can all be used, as they are brittle and tender. This strain is an improvement on the usual form. 15c. oz.;  $\frac{1}{4}$  lb., 50c.; \$1.75 lb.

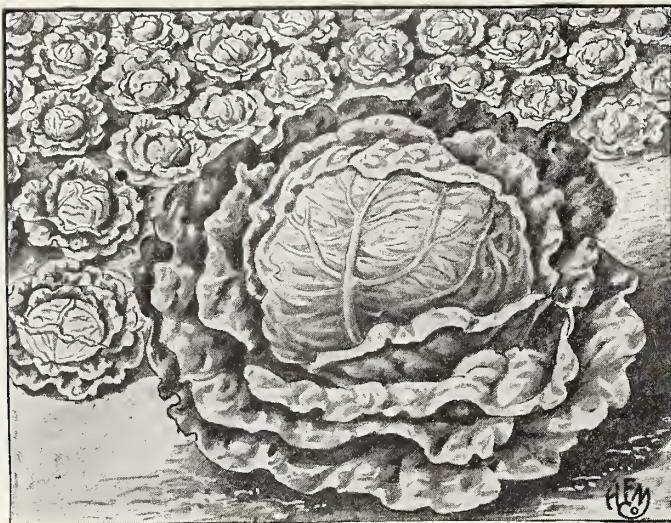
**Wayahead.** The earliest hard-heading lettuce in cultivation, doing well either under glass or in the open in spring or autumn. The heart is a golden buttery color, and of delicious flavor. 15c. oz.;  $\frac{1}{4}$  lb., 50c.; \$1.50 lb.

**Wonderful or New York.** Of the cabbage headed sorts this is a leader; the color is dark green, with white interior; the heads are large, having curled outer leaves; a popular kind for summer. 15c. oz.;  $\frac{1}{4}$  lb., 50c.; \$1.50 lb.

### Testimonial

Williamson School, Pa.  
Enclosed find payment of bill. The seed you sent me was splendid and everyone must have germinated.

ALLEN G. MILLER.



*Michell's Number One Lettuce*

**All Heart.** An excellent lettuce for either spring or summer use. The head, while large, has a loose heart, which is of a decided buttery flavor, can be used for sowing in frames or in early summer and spring outdoors. 15c. oz.;  $\frac{1}{4}$  lb., 50c.; \$1.75 lb.

**All Right.** (Michell's). This is not a variety for forcing, but rather for an early spring crop in the hoisted or outdoors; and for sowing in August for late autumn under sash or outside; where it is not affected by cold, which, with some sorts, turns them brown. On the other hand, this variety retains a rich green color. The heads are very large, often 12 inches in diameter, very solid and with a rich buttery heart of light yellow. Don't use this variety for a summer crop. 15c. oz.;  $\frac{1}{4}$  lb., 50c.; \$1.75 lb.

**Big Boston.** A large, flat, cabbage-headed variety, splendid for midsummer or fall use or under glass in the early spring and autumn, a delightful shade of light green, tinged light brown on the outer leaves. 15c. oz.;  $\frac{1}{4}$  lb., 50c.; \$1.50 lb.

**Big Boston (Davey's Improved).** Gigantic solid heads; excellent for under glass. 20c. oz.;  $\frac{1}{4}$  lb., 60c.; \$2.00 lb.

**Boston Market (White Seeded Tennisball).** Early small heading variety; one of the best for forcing; the heart is very solid and crisp. 15c. oz.;  $\frac{1}{4}$  lb., 50c.; \$1.50 lb.

**Dutch Butter (Private Stock).** A medium-sized head, light green leaves, with delicate yellow heart. The outer leaves are tinged brown on the edges. Suitable for forcing or indoor planting. 15c. oz.;  $\frac{1}{4}$  lb., 50c.; \$1.50 lb.

### Testimonial

West Chester, Pa.

The seeds I bought of you last year were the best I ever planted, and the quality and quantity they produced could not be excelled. I set out a lot of Sweet Potato plants from you and did not lose one.

GEORGE M. TRIMBLE.

All prices subject to change without notice

GEORGE M. TRIMBLE.

GEORGE M. TRIMBLE.



*Prize Head Lettuce*



*Trianon Self-Folding Cos Lettuce*

(hb)

# MICHELL'S CHOICE STRAINS OF LETTUCE

17

## Testimonial

I received your shipment in good condition and want to say the way you people dish out quick service is beyond me. In my opinion it is the best advertising medium you can employ.

Lakewood, Ohio.

JOSEPH T. ZIKA.



*Kingsholm Cos Lettuce.*

## LOOSE LEAF OR CUTTING VARIETIES

For early or midsummer use, seed should be sown very thickly. When pulling the young plants try to do so with an effort to thin out the bed, thus allowing the remaining plants to become large. This class is always tender and is preferred by many to the heading varieties. The loose leaved lettuces with the exception of Grand Rapids can hardly be regarded as suitable varieties for the market.

**Black Seeded Simpson.** Ideal for midsummer use, as it withstands the most trying conditions of heat and drought. When matured, presents a formidable loose head with finely fringed leaves. 15c. oz.;  $\frac{1}{4}$  lb., 50c.; \$1.50 lb.

**Early Curled Simpson (White Seeded).** Similar to the above and adapted especially for earlier growing and use. 15c. oz.;  $\frac{1}{4}$  lb., 50c.; \$1.50 lb.

**Grand Rapids (Special Strain).** The leading variety in this class for forcing under glass, but it may also be grown successfully outdoors. The leaves are very curly, crisp and brittle, and have a palatable flavor. 15c. oz.;  $\frac{1}{4}$  lb., 50c.; \$1.50 lb.

**Silesian.** This variety should be cut instead of pulled, as it makes new growth from the same root. A light green color and when given plenty of room will form a large loose head. 15c. oz.;  $\frac{1}{4}$  lb., 50c.; \$1.50 lb.

## COS, OR ROMAINE, OR CELERY LETTUCE

Of French origin, this type, as will be seen by the above illustration, differs greatly from the American varieties by its peculiar upright growth and its decided flavor. To have it real tender the heads must be tied together at the top so that the inner leaves blanch. It is best adapted to outdoor planting and stands the heat well. When thinning out remember that they require less room than the regular heading varieties. The Romaine lettuces sell readily to most all trade and should be grown more generally by market gardeners.

**Kingsholm Cos.** The largest and best heading variety of this type. The inner leaves blanch almost pure white and have little or no rib, the heads are very full throughout and therefore contain more edible part. 15c. oz.;  $\frac{1}{4}$  lb., 50c.; \$1.50 lb.

**Trianon Self-Folding.** The peculiarity of this sort lies in the fact that the crown of leaves overlap each other which closes over the heart, thus rendering it self-blanching. It is very early and ready for use ahead of the Kingsholm variety. 15c. oz.;  $\frac{1}{4}$  lb., 50c.; \$1.50 lb.

## LETTUCE PLANTS

We can supply these during April and May only in the leading heading varieties. 40c. per 100 (postpaid, 50c.) ; \$3.50 per 1000.



*New Lettuce "Davy's Improved Big Boston"*

## A Few Unsolicited Testimonials

### ARKANSAS

All the seeds you have sent have done wonderfully well.  
MRS. H. F. HOLBROOK,  
Elaine.

### CENTRAL AMERICA

Please send us the enclosed list of seed. We are 5000 feet above sea level and your seeds have always been very satisfactory.

H. A. OWEN,  
Santa Lucia.

### CONNECTICUT

From the day I first bought from you, you have never sent me anything that has not given perfect satisfaction, and it has always been a pleasure to deal with you.

R. S. HANFORD,  
Norwalk.

### DELAWARE

The seeds that we ordered from you last spring gave us perfect satisfaction. We were very much pleased with the results from them all.

MRS. O. P. MOWBRAY,  
Harrington.

### NIGERIA, BRITISH WEST AFRICA

Am enclosing an order for seeds with check for same. The seeds purchased from you by Mr. Walter Hoover have done well for us here.

(Signed) C. W. GUINTER,  
Wukari.

### MONTANA

Last year we had some of your seeds for our experimental gardens. We "scooped" up the State awards at the annual show.

R. M. GREIG,  
Anaconda.

### KOREA

Some seeds arrived from Mr. W. C. Erdman, of Taiku, Korea, which had been bought from you, make us confident of receiving good value; hence send order herewith.

GEORGE H. WINN,  
Fusan.

# MICHELL'S VEGETABLE SEEDS

ALL SEEDS OFFERED ON THIS PAGE MAILED POSTPAID AT PRICES QUOTED

## Testimonial

Last year your seeds were so prolific that I supplied my neighbors with vegetables. The peas were especially wonderful and the beans treated with Mulford Culture gave me more than I could use or dispose of. My garden is always the envy of the neighbors.

H. B. MAUPIN.

## KALE OR BORECOLE

**Chou Vert** (Fr.); **Grun Kohl** (Ger.); **Cavolo Verde** (Ital.)  
One ounce will sow a drill 150 ft. long; 3 lbs. will sow an acre.

For early use it may be sown in May; when desired for winter use, sow in September, broadcast or in rows 2 ft. apart. Cover for protection against severe freezing and snow. Do not handle while in a frozen condition. One of the finest nutritious greens for winter and early spring use.

**Dwarf Green Curled**. This variety is very compact growing, rarely attaining a height over 6 inches. The color is dark green, very curly. 25c. oz.;  $\frac{1}{4}$  lb., 85c.; \$2.75 lb.

**Imperial Long Standing**. The leaves are very crimped and of a dark green color. It stands quite tall, and is an excellent producer. It is just as hardy as any of the other sorts, and will be found very profitable where quantity as well as quality is desired. 20c. oz.;  $\frac{1}{4}$  lb., 60c.; \$1.75 lb.; 5 lbs., \$8.00.

## KOHL-RABI

**Chou Rave** (Fr.); **Kohl-Rabi** (Ger.); **Cavolo rapa** (Ital.)  
One ounce will produce about 2500 plants.

It is regrettable that this splendid vegetable is not more widely used. We would suggest to those who have not given it a trial that they do so. Sow seed in early spring in hothouses or outdoors and transplant when 3 inches high in rows 18 inches apart, 6 inches in the row. The edible part is the turnip, which grows above the ground; this should be used when it attains a size of  $2\frac{1}{2}$  inches in diameter or less, at this stage it is extremely tender and delicious, while if allowed to get larger it is woody. Prepared and served like turnips, except that a few of the bottom leaves can be cooked with the root. Offer this to your trade and they will appreciate it.

**Blue or Purple Vienna**. The flesh is white, with a bluish skin. Principally used for outdoor sowing. 25c. oz.;  $\frac{1}{4}$  lb., 75c.; \$2.50 lb.



Giant Carentan Leek

**Early White Vienna**. This variety is suited for sowing under glass and for outdoors. The top is very short, thus allowing all the development to go to the root, insuring early maturity. Very finely grained and of excellent quality. 25c. oz.;  $\frac{1}{4}$  lb., 75c.; \$2.50 lb.

## LAVENDER (Herb)

30c. oz.;  $\frac{1}{4}$  lb., \$1.00; \$3.75 lb.

## MINT (Herb)

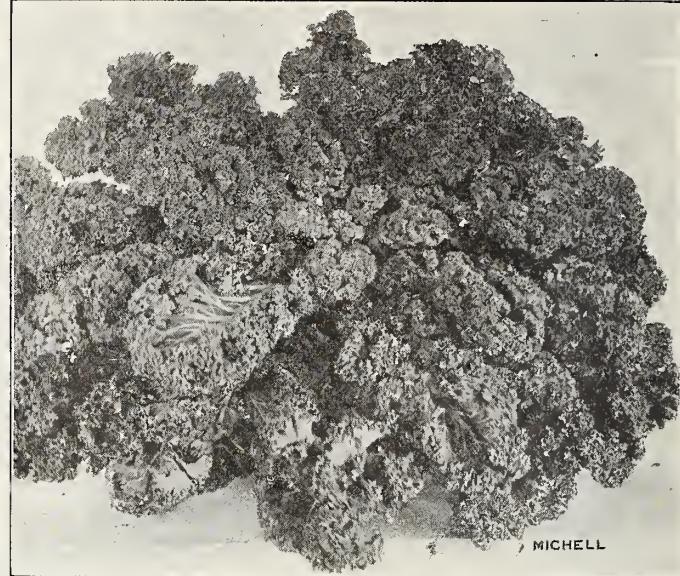
20c. per pkt.

## Mint Plants

Spearmint. \$1.00 per doz.; 100, \$7.00.

## PEPPERMINT

\$1.00 doz.; 100, \$7.00.



MICHELL

## Dwarf Green Curled Kale

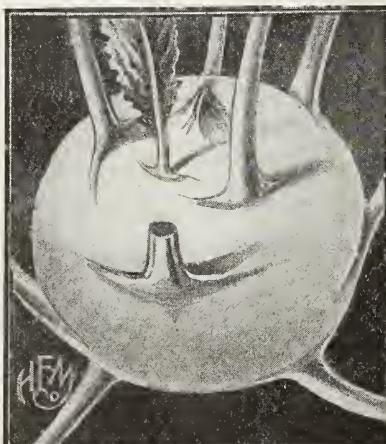
## LEEK

**Poireau** (Fr.); **Lauch** (Ger.); **Porro** (Ital.).  
One ounce of seed will furnish about 2500 plants.

Allied to the onion family but producing a long bulb; the stalks are cut and used for flavoring soups, also they are boiled and served with melted butter, and make a very palatable dish on account of their mild flavor. Sow seeds in April in rows 1 foot apart, covering the seed about an inch; when about 4 inches high transplant where it is to develop in rich soil in rows 18 inches apart, 6 inches in the row. When fully grown, hill soil against them to blanch them, about November 1st take up the plants and store in a cool cellar, placing the root end in soil 3 or 4 inches, thus a supply may be had all winter.

**Giant Carentan**. A variety which produces colossal stalks of tender quality. 35c. oz.;  $\frac{1}{4}$  lb., \$1.00; \$3.50 lb.

**London Flag**. Popular for the market garden, makes a longer but narrower stalk than others. 35c. oz.;  $\frac{1}{4}$  lb., \$1.00; \$3.50 per lb.



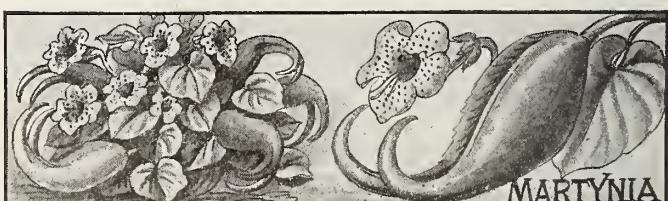
Kohl-Rabi

## MANGEL-WURZEL See Page 20

## MARTYNIA (Unicorn Plant)

A bushy plant growing 2 feet in height, bearing clusters of pink flowers resembling gloxinias, which afterwards turn to long green pods, which when picked may be pickled the same as cucumbers, making a very tasty relish. Sow seeds in April outdoors and transplant so the plants stand 2 feet apart each way.

**Proboscidea**.  $\frac{1}{2}$  oz., 15c.; oz., 25c.

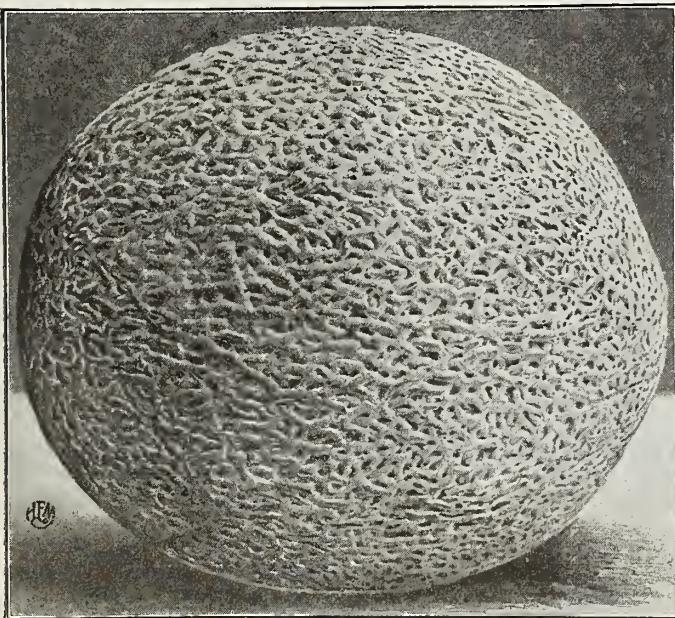


MARTYNIA

# MICHELL'S MUSKMELON or CANTELOUPE

19

Melon Muscade (Fr.); Melone (Ger.); Popone Melone (Ital.)  
One ounce will plant about 50 hills; 2½ lbs. are required for an acre

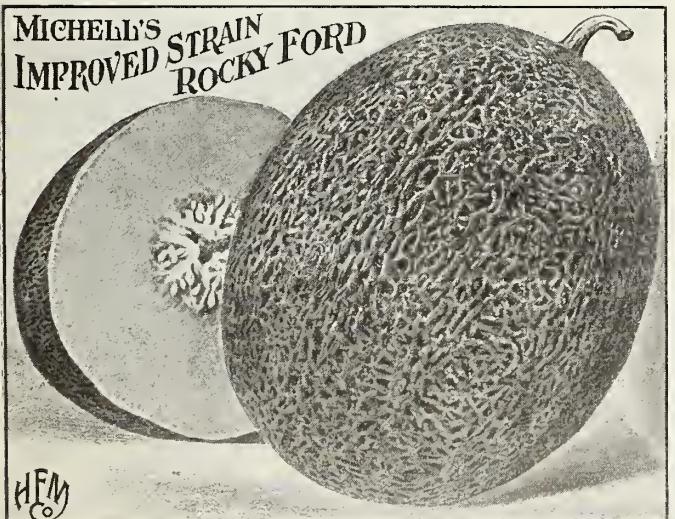


*Delicious Gold Lined*

While these reach their greatest perfection in a light sandy loam, any good well-prepared garden soil suits them. Plant when the ground has become permanently warm in hills 6 feet apart each way, 8 to 10 seeds in a hill. After the second tier of leaves have formed, thin out to 4 plants in a hill. Watch carefully for insects of various kinds, especially the melon louse that works under the leaf and shrivels it, causing the plant to die. To fight this successfully, raise up the vines and spray underneath with "Black Leaf 40", Pyrox Arsenate of Lead, or some of the various Nikoteen preparations. When the vines have made a good start, they are not bothered much with insects thereafter.

**NOTE.**—All seeds offered on this page mailed postpaid at prices quoted.

**Delicious Gold Lined.** See illustration. Flesh thick, fine-grained and sweet; color green, with a gold margin next the seed cavity; slightly oval and heavily netted. A variety which every melon planter should not overlook to grow. 15c. oz.; ¼ lb., 50c.; \$1.50 lb.



*Testimonial*

Richboro, Pa.

We gave your "Delicious" Muskmelon a trial last year and were quite successful with it. Some of the fruits weighed 12 lbs. each.

BENSON BROS.

All Seeds offered on this page mailed postpaid at prices quoted.

**Emerald Gem.** Among the standard varieties, this has long been a leader. The flesh, which is thicker than any other melon of the same shape, is a rich salmon shade and ripens extremely close to the rind. It is exceedingly sweet and one of the best flat market melons. 15c. oz.; ¼ lb., 50c.; \$1.25 lb.

**Fordhook.** This is claimed to be one of the best melons ever introduced. Shape like Emerald Gem, on which it is claimed to be an improvement. The flesh is a beautiful salmon orange, surprisingly sweet. The fruits are very large, often weighing 2 lbs. each; is an early variety, and always prolific. The netted rind is very thin and can be eaten very closely. 15c. oz.; ¼ lb., 50c.; \$1.50 lb.

**Honey Dew.** This might easily be termed a family melon because one is large enough for a number of people. In size, 6 inches in diameter and from 7 to 8 inches long. The skin is smooth, with an occasional net, is creamy, then white. The thick flesh is emerald green melting and of a wonderfully delicious flavor sweet as honey. The ripe melons can be kept in a suitable place for several weeks before using. In fact, they can be placed in cool storage and kept until Christmas. 20c. oz.; ¼ lb., 60c.; \$2.00 lb.

**Jenny Lind.** A small, flat, very early sort, heavily netted and ribbed with green flesh, a good variety to plant for the first picking. 15c. oz.; ¼ lb., 50c.; \$1.25 lb.

**Michell's Delicious.** This deservedly enjoys a good name, it is one of the large irregular pumpkin-shaped melons with a smooth silver-gray rind. The flesh is very deep orange-salmon. \$1.00 oz.; ¼ lb., \$2.75; \$10.00 lb.

**Michell's (Improved Strain) Rockyford.** The outside is a light green, well-netted, changing to a grayish color. It is mostly all meat, with a very small seed cavity and often weighs a pound and one-half to the fruit. Fine for market garden. 15c. oz.; ¼ lb., 50c.; \$1.75 lb.

## FORCING MELONS (English Varieties)

Forcing melons can be grown successfully outside in hotbeds. Sow seed in pots in March and transplant to hotbed when three leaves have developed; these will ripen fruit in June and July. For indoor use treat same as forcing cucumbers.

**Blenheim Orange, Invincible-Scarlet, Windsor Castle.** Each per pkt., 25c.

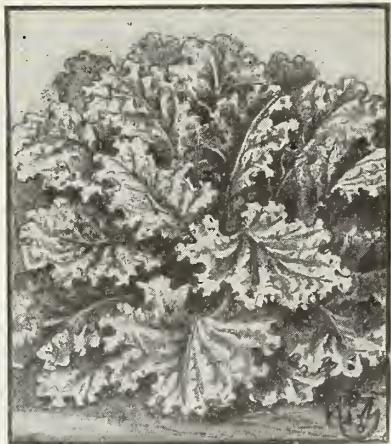
**Sutton's A1.** In original packets, 60c. per pkt.

**MELON NETS.** For supporting forcing melons in greenhouses; made very strong, will last for a number of crops. Prices on application.

## MUSTARD

One ounce will sow a row 75 feet long. It makes a delicious green salad, pungent in taste, highly palatable and healthy. Sow every two weeks in rows the same as spinach. It must be used while young, as only then is it tender and mild. Fine winter greens if sown in a heated frame or greenhouse, also fine if served with lettuce salad for flavoring. The seed can be harvested if the plant is allowed to stand and used for other culinary purposes.

**White or Yellow.** 15c. oz.; ¼ lb., 40c.; \$1.25 per lb.



*Mustard*

## Testimonials

**Brigantine, N. J.**  
The seeds purchased of you last year were "O. K.", although the season was dry, my crop of vegetables was fine. Your "Improved Strain" Stowell's Evergreen Corn is great.

NORRIS SMITH.

**Anaconda, Mont.**  
We scooped up all the awards in our line at the State's Annual Show last autumn, and the products were all from Michell's Seeds.

GREIG'S GREENHOUSES.

20 MICHELL'S CHOICE STRAIN WATER MELON.

DIXIE.

HALBERT HONEY.



CALIFORNIA PRESERVING.

Melon d'eau (Fr.); Wasser Melone (Ger.); Cocomero (Ital.)

One Ounce will plant Thirty Hills, Four Pounds an Acre.

Plant in hills 10 feet apart each way or in drills 10 feet apart, dropping one seed every 3 feet. A little land plaster dusted over the young plant will keep beetles away. Watermelons require planting after the soil has become thoroughly warm, say about May 10th in the latitude of Philadelphia. Our list of watermelons is limited, as we offer only the varieties which from experience are the better ones. Note—Watermelon seed sent postpaid at prices quoted.

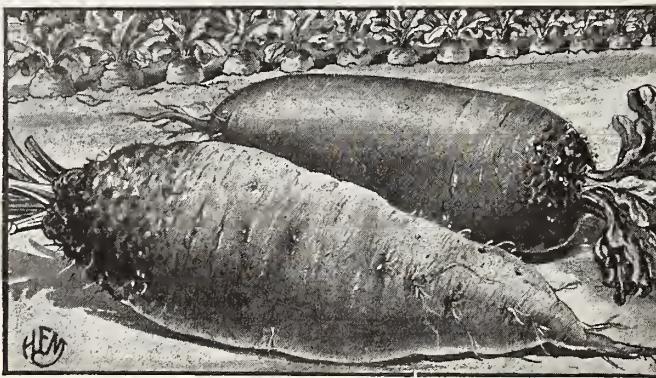
**Dixie.** "Tis one of the old-time favorites, roundish-long in shape. The skin is dark green, mottled light; the flesh is very sweet and ripens close to the rind. 10c. oz.;  $\frac{1}{4}$  lb., 35c.; \$1.25 lb.

**Halbert Honey.** An ideal family garden or market melon. The long fruits with blunt ends are very large and weigh often 50 lbs.; the rind is very thin, dark green, while the flesh is a rich crimson. It tastes like a sugar stick, as it melts under the pressure of the tongue. It is very prolific and is altogether a first-rater. 10c. oz.;  $\frac{1}{4}$  lb., 35c.; \$1.25 lb.

## MANGEL-WURZEL OR CATTLE BEETS

Seed selected from specimen roots.

Sow 5 lbs. per acre in April and May in thoroughly plowed well-manured soil, in drills 2 inches deep, about 24 inches apart. Thin out to stand apart 12 inches and keep the weeds down by frequent hoeing and cultivating. Low ground is best adapted for Mangel-Wurzels.



Michell's Mammoth Long Red Mangel, and Golden Tankard

**Kleckley Sweets.** A sweet one, to be sure, with a luscious tenderness all its own. It is not a shipping variety, as the rind sets too close to the ripe fluffy, rich red meat, when in condition to use. The melons average about 20 inches long and ripen quite early. Our strain is grown from the originator's seed stock and we can recommend it highly. 15c. oz.;  $\frac{1}{4}$  lb., 50c.; \$1.50 lb.

**Tom Watson.** A very handsome large fruit, frequently 2 feet long and 12 inches in diameter. The dark green rind is a contrast to the bright scarlet flesh which, by the way, is of splendid texture and flavor; the sugary meat really melts in your mouth. Nothing can touch it in the melon line for shipping qualities. The rind being tough, it will resist plenty of abuse. 10c. oz.;  $\frac{1}{4}$  lb., 35c.; \$1.25 lb.

### "MICHELL'S SEEDS ARE PRIZE WINNERS"

Testimonial

Farmington, Mo.

We exhibited some vegetables at our county fair and won 8 first and 4 second premiums.

PHILIP LUITHLE.

### PRESERVING MELON (OR CITRON)

A large-fruited variety, pure white flesh and thin rind. This is expensive when bought, yet can be preserved by any energetic housewife, who will then also know it to be absolutely pure and good. It is planted like watermelon.

**California Red Seeded.** 10c. oz.; 35c.  $\frac{1}{4}$  lb.; \$1.00 lb.

If wanted by mail allow  
8c lb. for postage.

**Golden Tankard.** The best long yellow mangel in cultivation. Relished by milch cows and sheep. Maturing earlier than other large sorts. 10c. oz.;  $\frac{1}{4}$  lb., 35c.; \$1.25 lb.; 5 lbs., \$5.75.

**Lane's Improved White Sugar.** This variety attains an enormous size, growing considerably above the ground; one of the best for stock feeding. 10c. oz.;  $\frac{1}{4}$  lb., 35c.; \$1.25 lb.; 5 lbs., \$5.75.

**Mammoth Long Red.** This is an enormously productive variety, yielding from 50 to 75 tons to the acre, a single root often weighing from 20 to 40 pounds. It is the best long red mangel. 10c. oz.;  $\frac{1}{4}$  lb., 35c.; \$1.25 lb.; 5 lbs., \$5.75.

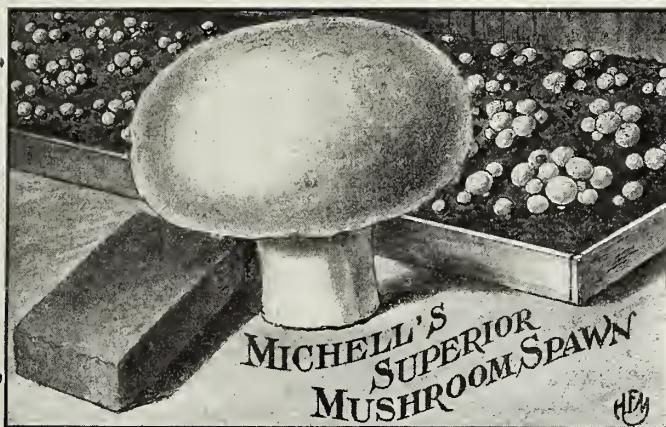
**Red Globe.** An excellent sort, very prolific, good for late planting. 10c. oz.;  $\frac{1}{4}$  lb., 35c.; \$1.25 lb.; 5 lbs., \$5.75.

**Yellow Globe.** Contains a large amount of sugar properties, and can be used for replanting. 10c. oz.;  $\frac{1}{4}$  lb., 35c.; \$1.25 lb.; 5 lbs., \$5.75.

Note.—If mangel-wurzel is desired by parcel post, please allow 8c. per pound for mailing charges.

# MICHELL'S VEGETABLE SEEDS, Etc.

21



## MICHELL'S "SUPERIOR" MUSHROOM SPAWN

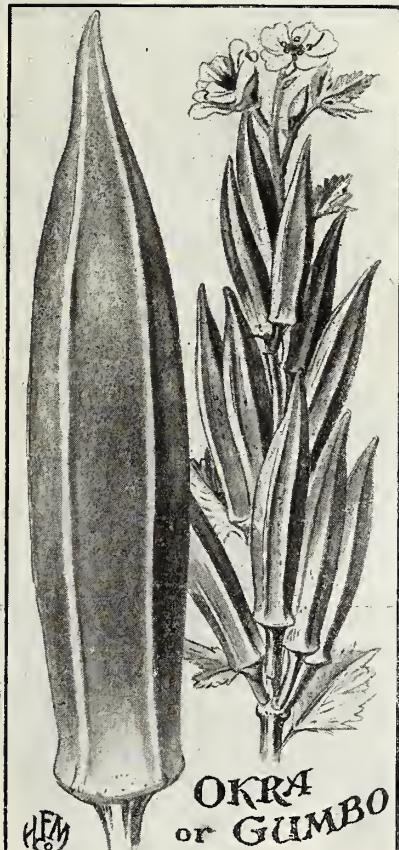
If wanted by mail allow for postage at the rate of 10c. per brick.

Mushrooms can be grown in a greenhouse or a cellar. A crop is produced with good spawn, a little care and patience in about 4 to 6 weeks, and continues in bearing about two months. New beds can be started at intervals which will give a supply the entire season. The first planting can be made in July, the last in March. Summer spawned beds do not bear well. Ask for our Free Booklet on Mushroom Culture, which also describes further, these different spawns. 1 Brick will spawn 8 to 10 sq. ft.

## OKRA OR GUMBO

Gombard (Fr.); Essbarer Hibiscus (Ger.); Ibisco (Ital.). One oz. will plant a row about 200 ft. long; 1 lb. required for 300 ft. row.

The seed is sown in rows 3 ft. apart thickly like peas (in ground that is rich) after the frost and cold have disappeared; when about 6 inches high thin out to stand 6 inches apart in the row. The pod is used when young and tender sliced in soups and stews; what is not utilized during the summer may be harvested, cut in slices and dried in the sun; after being cured in this way it should be put on the pantry shelf for use during the winter.



green, almost white in color. 10c. oz.; 1/4 lb., 20c.; 60c. lb.

Prices quoted for Okra are postpaid

### Testimonial

Danville, Va.

Am sending you this small order in advance of your catalogue. Your seeds, bulbs and everything I had from you are excellent. None better.

J. C. BOGART.

### Pure Culture Spawn (Spore Process)

Claimed to be the best strain to be had. It produces mushrooms all of one type and character and is a result of many years efforts. This spawn is very prolific and will produce marvelous results. Can be supplied in No. 8 strain; a brown color, which we recommend for spawning from April to October, and No. 9, a white color, recommended for spawning from October to April.

Per Brick .....	\$0.30	Per 50 Bricks .....	\$10.00
Per 5 Bricks .....	1.25	Per 100 Bricks .....	18.00
Per 10 Bricks .....	2.10	Per 250 Bricks .....	42.50
Per 25 Bricks .....	5.00	Per 1000 Bricks .....	170.00

### BRANDYWINE PURE CULTURE SPAWN

This is an entirely new strain originating in the section of Pennsylvania that supplies New York and Eastern markets with mushrooms. It appears to be especially full of life and we can recommend it as an early and prolific producer; mushrooms are uniform and almost pure white in color.

Per Brick .....	\$0.30	Per 50 Bricks .....	\$10.00
Per 5 Bricks .....	1.25	Per 100 Bricks .....	18.00
Per 10 Bricks .....	2.10	Per 250 Bricks .....	42.50
Per 25 Bricks .....	5.00	Per 1000 Bricks .....	170.00



### MUSHROOM OR HOTBED THERMOMETERS

Heavy Galvanized Iron Point style, \$2.00 each. Thermometers should, wherever possible, be sent by express. We do not guarantee safe arrival if forwarded by parcel post.

### ONION SETS

One quart will plant a row about 50 feet; about 8 bushels will plant an acre.

Plant just as soon as the ground can be worked. Press the bulb in the ground lightly (and do not cover); in rows 12 inches apart, 2 inches apart in the row; so that all the development goes in the onion; on signs of their going to seed, bend the top over, but do not break it off. They can be harvested in the locality of Philadelphia for winter storage as early as July 10th. The advantage in planting onion sets lies in the fact that the young onion is ready in 5 weeks from the time of planting, while those grown from seed cannot be used until well in the autumn. For illustration see page 22.

Shipped on Local Orders about March 10, unless otherwise requested.

If wanted by mail add 5c. per pint and 10c. per quart for postage.

Yellow .....

White .....

Red .....

White Multiplier .....

Potato Onions .....

Shallots .....

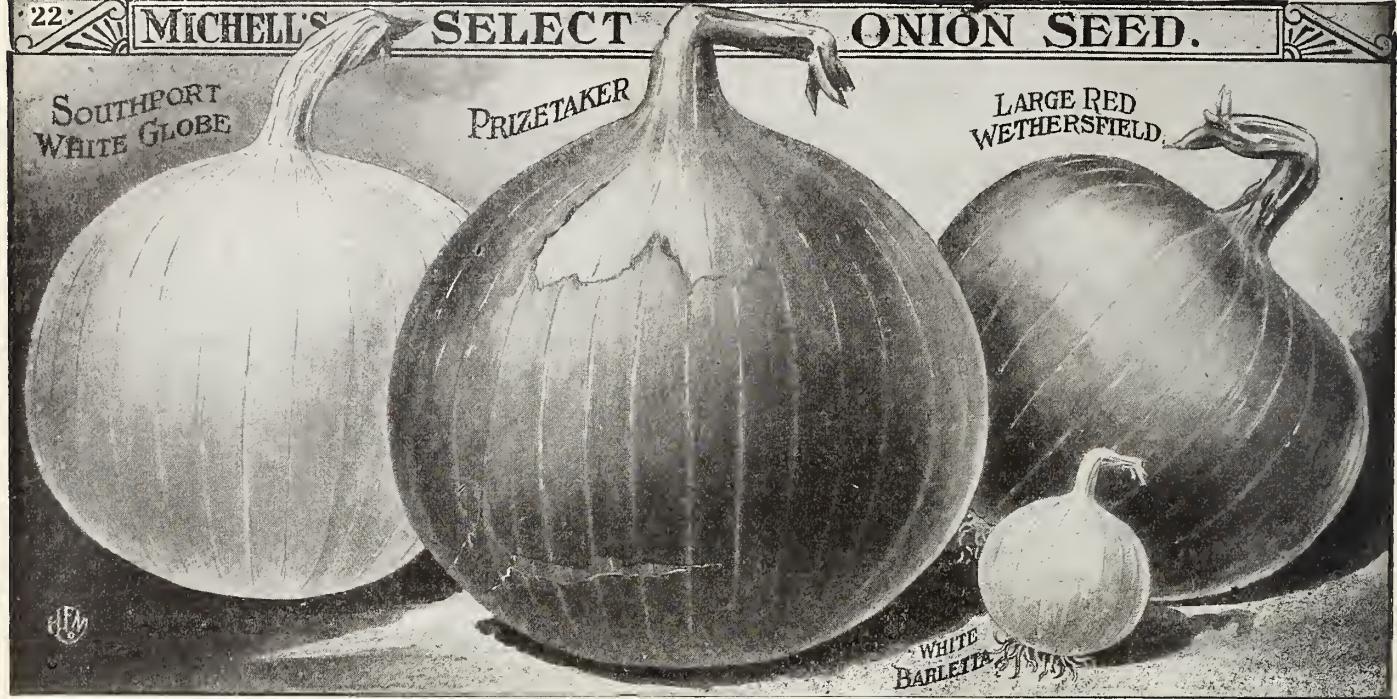
Tree or Top Onions. Can be supplied in September and October.

Garlic Sets. Per lb., 50c.;

5 lbs. for \$2.40.

We give 32 lbs. per bushel on Onion Sets.

Prices change constantly. Prices for onion sets will be established about February 1st, 1919.

**Ognon (Fr.); Zwiebel (Ger.); Cipolla (Ital.)**

NOTE.—All seeds on this page mailed postpaid at quoted prices.

For full size onions, one ounce will sow a 100 ft. row; 5 to 6 pounds per acre. If it is desired to grow onion sets, sow 25 to 30 pounds per acre.

Sow in the early spring in rows 2 feet or less apart, according to cultivation method employed. The seed should be firmed in the soil. If it is desired to grow full size onions the first year, thin out when 3 inches high, so that they stand about 2 or 3 inches apart. White onions are mildest in flavor and are recommended for early use. The yellow sorts are best for winter keeping.

**Ailsa Craig.** The largest of all onions, often weighing three lbs. and over, each. In England it is the foremost variety and will be seen there on exhibition during all vegetable shows. It is globe-shaped, slightly pointed at the top and base; the color is a beautiful straw yellow. To obtain best results sow seed in the hotbed and later transplant it where it is to grow; in planting place 4 to 6 inches apart and thus procure gigantic specimens. Crops practically failed, though if we receive any seed from our growers we will be pleased to take care of orders for it.

**Bermuda White.** An early variety producing an immense flat partially globe-shaped bulb, producing (when transplanted about 4 inches apart) gigantic onions the first season. In the raw state it is very mild, while, when cooked, the flesh is tender and of a delicious flavor. For slicing it is one of the best. 30c. oz.;  $\frac{1}{4}$  lb., 85c.; \$3.00 lb.

**Danvers Yellow Globe.** This almost round shaped onion is extensively sown by the market gardener on account of its good keeping qualities. It is a dark straw color and always produces a good crop, growing to large size. 30c. oz.;  $\frac{1}{4}$  lb., 85c.; \$3.00 lb.; 5 lbs., \$14.00.

**Giant Gibraltar.** While not a new variety it is a splendid sort. It grows to a mammoth size, some claim it to be even larger than Ailsa Craig under the same growing conditions. It is a light straw-yellow color, in shape not quite so globular as the former. It is rather mild in flavor and a splendid keeper. Crop practically failed, though if we receive any seed from our growers we shall be pleased to take care of any order for it.

**Large Red Wethersfield.** A flat large growing variety. Red onions are excellent winter keepers, being flavored much like the yellow sorts; full size onions can be grown in one season. 30c. oz.;  $\frac{1}{4}$  lb., 85c.; \$3.00 lb.; 5 lbs., \$14.00.

**Prizetaker.** A mammoth yellow variety, if sown thinly it produces full size onions in one season from seed, rivaling with the Bermuda varieties for size and flavor, often weighing 3 lbs. and more. 35c. oz.;  $\frac{1}{4}$  lb., \$1.00; \$3.75 lb.; 5 lbs., \$17.50.

**Southport Yellow Globe.** Similar to the Danvers except larger in size; more like the Prizetaker. This is one of the most uniform growing varieties, every bulb being almost perfectly round and of the same size; light straw colored skin. 30c. oz.;  $\frac{1}{4}$  lb., 85c.; \$3.00 lb.; 5 lbs., \$14.00.

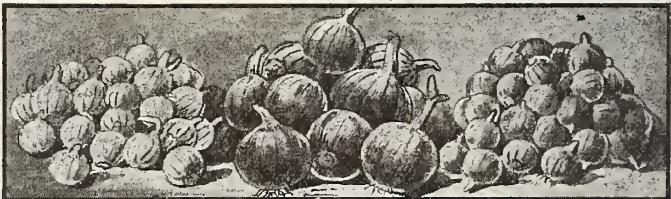
**Southport White Globe.** A beautiful type of an almost round onion, growing to enormous size. This is perhaps the best onion of all for family use. The flesh when cooked, is of a rich milky color, of tender and delicious flavor, and in the raw state it is one of the mildest. 45c. oz.;  $\frac{1}{4}$  lb., \$1.35; \$4.50 lb.; 5 lbs., \$21.25.

**White Barletta.** Extra early small round variety used principally for pickling. 65c. oz.;  $\frac{1}{4}$  lb., \$1.75; \$6.50 lb.

**Winter Keeper.** A new round-shaped yellow variety of good size, a wonderful keeper, lasting well into the summer. For market purposes it should prove to be a winner. We have only a limited quantity to offer. 30c. oz.;  $\frac{1}{4}$  lb., \$1.00; \$3.75 lb.

**White or Silver Skin.** The standard white onion for market use, of very mild flavor, semi-globe shaped and very uniform in growth and size. 40c. oz.;  $\frac{1}{4}$  lb., \$1.25; \$4.00 lb.; 5 lbs., \$19.00.

**Yellow Strasburg (or Dutch).** A dark straw color skinned sort, almost flat in shape but a large onion. Its fine keeping qualities recommend it to the market gardener. For a yellow sort it is rather mildly flavored; for growing sets more of this variety is sold than any other; one of the best winter keepers. 30c. oz.;  $\frac{1}{4}$  lb., 85c.; \$2.75 lb.; 5 lbs., \$13.00.

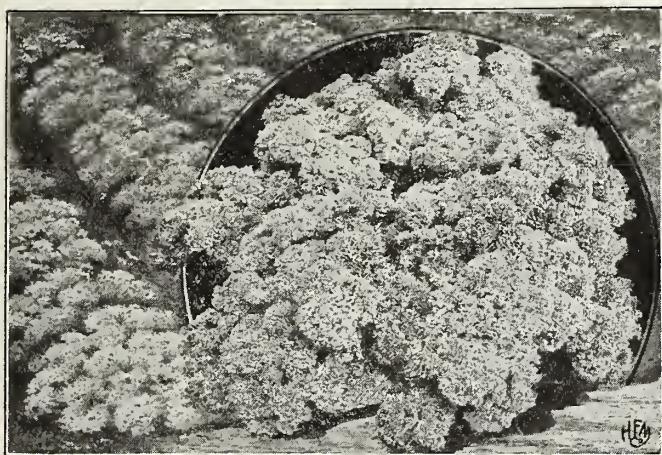


Our onion sets are grown from choice seed and are unusually fine. See list on page 21.

**ONION CULTURE, a good book by a Practical Grower,**  
60c. per copy.

**BOOKS ON GARDENING**

The profits of gardening are materially increased with the aid of a good book on the subject. On page 159 of our retail catalog is offered a comprehensive list covering almost every phase of gardening. Add a few copies to your library. Retail Seed Catalog mailed on request.



*Covent Garden Double Curled Parsley*

## PARSLEY

**Persil (Fr.); Petersilie (Ger.); Prezzero (Ital.)**

**One ounce will sow a row 100 ft. long**

The seed should be sown in rows 18 inches apart, and when 2 inches high thinned out so the plants will stand 4 inches apart in the row. It takes parsley seed from 3 to 6 weeks ordinarily to germinate, so that a little patience in growing this is necessary. Parsley can be continued over winter outdoors if given a heavy covering of long manure.

**Champion Moss Curled.** Beautifully crimped and curled. It can be cut the year round. 10c. oz.;  $\frac{1}{4}$  lb., 30c.; \$1.00 lb.; 5 lbs., \$4.50.

**Double Curled or Covent Garden.** A great improvement over all other varieties; a nicely curled leaf which has a tendency to retain its deep green color the entire season; the best variety for the market garden. 10c. oz.;  $\frac{1}{4}$  lb., 30c.; \$1.00 lb.; 5 lbs., \$4.50.

**Hamburg or Rooted.** The fleshy roots are used for flavoring soups, stews, etc. 10c. oz.;  $\frac{1}{4}$  lb., 35c.; \$1.25 lb.; 5 lbs., \$5.75.

**NOTE.**—All seeds offered on this page mailed postpaid at quoted prices.

## PARSLEY PLANTS (Ready in April)

Large specimens, pot-grown, ready for use. 60c. per doz.; per 100, \$4.75.

## PARSNIP

**Panais (Fr.); Pastinake (Ger.); Pastinaca (Ital.)**

**One ounce will sow a row 150 feet long; 5 lbs. per acre.**

Sow early in the spring in drills about 24 inches apart, covering the seed slightly; when the plants are 2 or 3 inches high, then thin out so the roots will develop; cultivate well during the growing season.

**Improved Sugar or Hollow Crown.** A very thick broad-topped root, which makes it lift easily. Flesh is very fine grained and sweet, while the outer surface is smooth and almost white. It yields enormous crops. 15c. oz.;  $\frac{1}{4}$  lb., 50c.; \$1.75 lb.; 5 lbs., \$8.00.

## PEPPER

**Piment (Fr.); Pfeffer (Ger.); Peperone (Ital.)**

**One ounce produces 1200 plants**

Sow the seed in a hotbed about March 1st. Transplant to the open when all danger from frost is over. Plant in rows 3 feet apart, 15 inches in the row.

**Apple Pepper.** Formed like an apple, standing upright on the plant; first green it afterwards turns a brilliant red; very mild in flavor. Very prolific early and continuous cropper. 3 inches in diameter. 10c. pkt.; oz., 60c.; \$2.00 per  $\frac{1}{4}$  lb.

**Bell or Bull Nose (Sweet).** Very thick flesh, perfectly mild and a great producer. The large fruits are green, turning to vivid scarlet; fine for slicing or stuffed as mangoes. 60c. oz.;  $\frac{1}{4}$  lb., \$2.00; \$6.50 lb.

**Bell Bull Nose (Hot).** This variety is identical with the Sweet sort bearing the same name, except it has a stronger flavor. 60c. oz.;  $\frac{1}{4}$  lb., \$2.00; \$6.50 lb.

**Cayenne.** A long red variety, very hot and used principally for bunching with pot herbs. 40c. oz.;  $\frac{1}{4}$  lb., \$1.25; \$4.00 lb.

**Celestial.** A Chinese variety bearing roundish upright pods of various colors; very decorative. 40c. oz.;  $\frac{1}{4}$  lb., \$1.25; \$4.00 lb.

**Chinese Giant.** A monster pepper, perfectly sweet, green fruit, turning to bright scarlet; matures very late; a very shy seeder. Fine for stuffed mangoes. 60c. oz.;  $\frac{1}{4}$  lb., \$2.00; \$7.00 lb.

**Golden Dawn.** A large yellow variety, shaped like the Chinese Giant; very sweet. 40c. oz.;  $\frac{1}{4}$  lb., \$1.25; \$4.50 lb.

**Pimiento.** A splendid, uniformly shaped, sweet variety. Green fruit, changing to red when fully ripe. 50c. oz.;  $\frac{1}{4}$  lb., \$1.50; \$5.00 lb.

**Ruby King.** A large red variety resembling Bull Nose. 60c. oz.;  $\frac{1}{4}$  lb., \$2.00; \$7.00 lb.

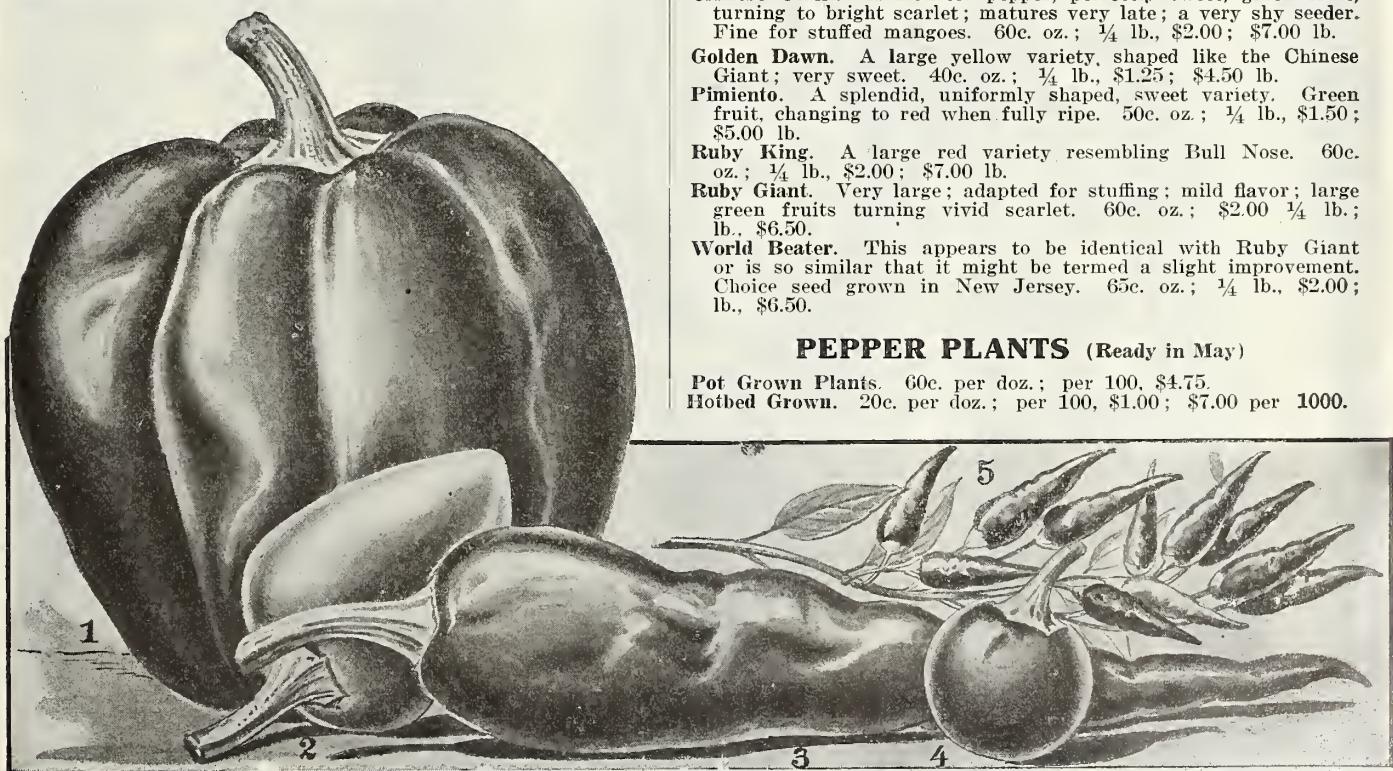
**Ruby Giant.** Very large; adapted for stuffing; mild flavor; large green fruits turning vivid scarlet. 60c. oz.;  $\frac{1}{4}$  lb., \$2.00;  $\frac{1}{4}$  lb., \$6.50.

**World Beater.** This appears to be identical with Ruby Giant or is so similar that it might be termed a slight improvement. Choice seed grown in New Jersey. 65c. oz.;  $\frac{1}{4}$  lb., \$2.00; lb., \$6.50.

## PEPPER PLANTS (Ready in May)

**Pot Grown Plants.** 60c. per doz.; per 100, \$4.75.

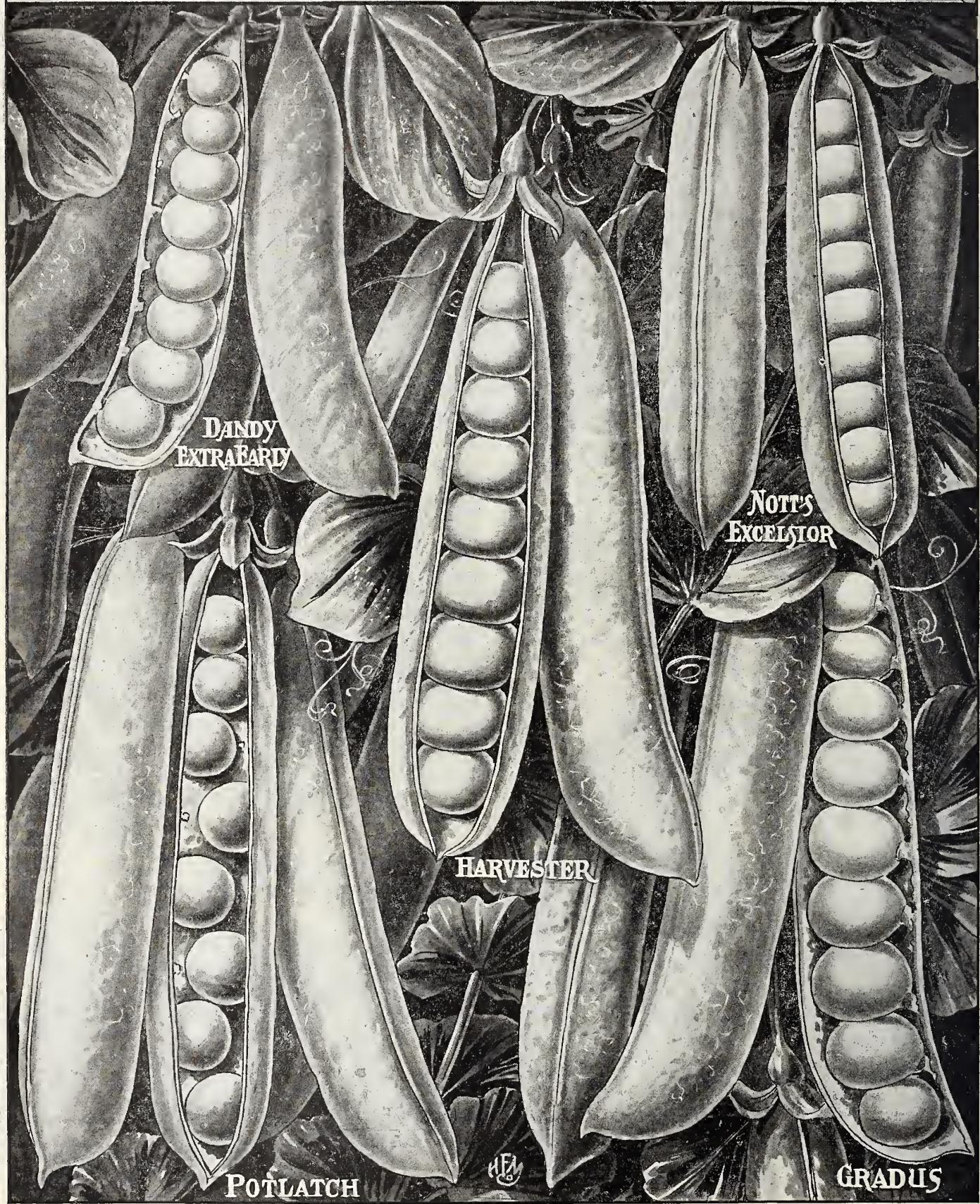
**Hotbed Grown.** 20c. per doz.; per 100, \$1.00; \$7.00 per 1000.



*PEPPERS. 1, Chinese Giant. 2, Celestial. 3, Cayenne.*

All Seeds on this page mailed postpaid to purchasers.

(hb)



# MICHELL'S CHOICE GARDEN PEAS

25

Pois (Fr.); Erbsen (Ger.); Pisello (Ital.)

2 lbs. will plant 100 ft. of row; one hundred to one hundred and twenty lbs. will plant an acre.

If peas are wanted by mail, allow for postage

The smooth seeded varieties can be sown as soon as the ground can be worked; the wrinkled sorts when the ground has become warmer. The distance for planting apart depends somewhat on the variety. To have a continuous crop, sow weekly up to June 15th, and again about August 15th. For the last planting, 60 days before frost, use the dwarf early varieties.

**NOTE.**—This season we are offering Peas by the pound instead of by the pint, quart, peck. One pound equals about 1 pint.

## EXTRA EARLY VARIETIES

**Alaska.** Smooth seeded, very early; height, 2½ feet. 30c. lb.; 5 lbs., \$1.40; \$2.60 for 10 lbs.; 25 lbs., \$6.00; \$22.00 per 100 lbs.

**American Wonder.** The earliest wrinkled dwarf variety, exceedingly sweet; height, 10 to 12 inches. 30c. lb.; 5 lbs., \$1.40; \$2.60 for 10 lbs.; 25 lbs., \$6.00; \$22.00 per 100 lbs.

**Dandy Extra Early.** These are a selection of the Eureka, but will be found far superior; smooth seeded, very prolific and desirable for the market garden; height, 24 inches. 30c. lb.; 5 lbs., \$1.40; \$2.60 for 10 lbs.; 25 lbs., \$6.00; \$22.00 per 100 lbs.

**Early June.** A green seeded smooth pea, desirable for first planting, an improvement on Alaska; height, 2½ feet. 30c. lb.; 5 lbs., \$1.40; \$2.60 for 10 lbs.; 25 lbs., \$6.00; \$22.00 per 100 lbs.

**Early Morn.** One of the earliest of wrinkled peas, earlier and better, it is claimed, than Gradus or Thos. Laxton. The pods are large and well filled, mature in 60 days; very prolific. 30c. lb.; 5 lbs., \$1.40; \$2.60 for 10 lbs.; 25 lbs., \$6.00; \$22.00 per 100 lbs.

**Eureka.** A great producer and extremely early, smooth seeded; height, 24 inches. 30c. lb.; 5 lbs., \$1.40; \$2.60 for 10 lbs.; 25 lbs., \$6.00; \$22.00 per 100 lbs.

**Gradus or Prosperity.** Never was there a pea offered which is so greatly demanded as this very early sort. It is exceedingly luscious, wrinkled and a producer of gigantic pods and peas; height, 36 inches. 35c. lb.; 5 lbs., \$1.65; \$3.20 for 10 lbs.; 25 lbs., \$7.50; \$28.00 per 100 lbs.

**Little Marvel.** Wrinkled; dwarf, 18 to 20 inches; prolific and sweet. 35c. lb.; 5 lbs., \$1.50; \$2.80 per 10 lbs.; 25 lbs., \$6.50; \$25.00 per 100 lbs.

**Michell's Special Ex. Early.** Of the smooth seeded sorts this is the peer. Extremely early, lusciously sweet and very tender, a great yielder; height, 24 inches. 35c. lb.; 5 lbs., \$1.50; \$2.80 for 10 lbs.; 25 lbs., \$6.00; \$23.00 per 100 lbs.

**Nott's Excelsior (Improved Strain).** A splendid early wrinkled pea, producing heavy crops of full pods very early. One of the leading varieties for the market garden. Height, 15 inches. 30c. lb.; 5 lbs., \$1.40; \$2.60 for 10 lbs.; 25 lbs., \$6.00; \$22.00 per 100 lbs.

**Premium Gem (or McLean's Little Gem).** Similar to American Wonder, but a heavier producer, wrinkled seed; height, 18 inches. 30c. lb.; 5 lbs., \$1.40; \$2.60 for 10 lbs.; 25 lbs., \$6.00; \$22.00 per 100 lbs.

**Sutton's Excelsior.** This wrinkled variety is quite hardy and can be planted earlier than most other wrinkled sorts; very early. It grows about 16 inches high and makes a long broad pod, well filled; it follows the extra sorts and is a great producer. 35c. lb.; 5 lbs., \$1.50; \$2.80 for 10 lbs.; 25 lbs., \$6.00; \$23.00 per 100 lbs.

**The Pilot or Leader.** The earliest of round seeded varieties. The pods and peas are nearly as large as those of Gradus. It can be planted, of course, much earlier. The vines are of vigorous growth, 3 feet high and produce an abundance of pods. The peas are of finest flavor. 35c. lb.; 5 lbs., \$1.50; \$2.80 for 10 lbs.; 25 lbs., \$6.00; \$23.00 per 100 lbs.

**Thos. Laxton.** On a par with Gradus in quality, heavy producer, wrinkled, exceedingly early. The pods are large and filled to the tip with large peas of excellent flavor. Its strong vine and heavy cropping qualities make it very suitable for an early crop in the market garden; height, 36 inches. 35c. lb.; 5 lbs., \$1.65; \$3.20 for 10 lbs.; 25 lbs., \$7.50; \$28.00 per 100 lbs.

**NOTE.**—Peas are an exceptionally scarce item in the seed business this year, owing to the very poor crop harvested. It is important that one covers their requirements early, as there will not be near enough seed to fill normal needs.

## SECOND EARLY VARIETIES

**Bliss Abundance.** Produces very large pods containing six and more peas of a delicious flavor; a great yielder; wrinkled; height, 20 inches. 30c. lb.; 5 lbs., \$1.40; \$2.60 for 10 lbs.; 25 lbs., \$6.00; \$22.00 per 100 lbs.

**Daisy or Dwarf Telephone.** One of the best medium early sorts, bearing heavy pods in the greatest abundance; wrinkled and very sweet; height, 18 inches. 40c. lb.; 5 lbs., \$1.75; \$3.25 for 10 lbs.; 25 lbs., \$7.50; \$28.00 per 100 lbs.

**Harvester (New).** This is a grand variety for the market garden. The pods contain frequently as many as 10 peas of delicious quality. It is wrinkled, grows about 18 inches high and is a great producer. 35c. lb.; 5 lbs., \$1.50; \$2.80 for 10 lbs.; 25 lbs., \$6.50; \$25.00 per 100 lbs.

**Long Island Mammoth.** Largely planted in market gardens; it yields handsome large peas, very tender; height, 3½ feet. 35c. lb.; 5 lbs., \$1.50; \$2.80 for 10 lbs.; 25 lbs. for \$6.50; \$25.00 per 100 lbs.

**Potlatch.** A wrinkled variety, similar to Daisy, very sweet, produces pods well filled with peas. 35c. lb.; 5 lbs., \$1.50; \$2.80 for 10 lbs.; 25 lbs. for \$6.50; \$25.00 per 100 lbs.

## GENERAL OR LATER CROP VARIETIES

**Champion of England.** A very tall rank grower, but a wonderful yielder of delicious quality peas; seed wrinkled; height, 5 feet. 35c. lb.; 5 lbs., \$1.50; \$2.80 for 10 lbs.; 25 lbs., \$6.00; \$23.00 per 100 lbs.

**Dwarf Champion.** Possesses most all the good qualities of the famous Champion of England, and has the further advantage of being dwarf; a very delicious pea which should be planted extensively; height, 2 feet. 35c. lb.; 5 lbs., \$1.50; \$2.80 for 10 lbs.; 25 lbs., \$6.00; \$23.00 per 100 lbs.

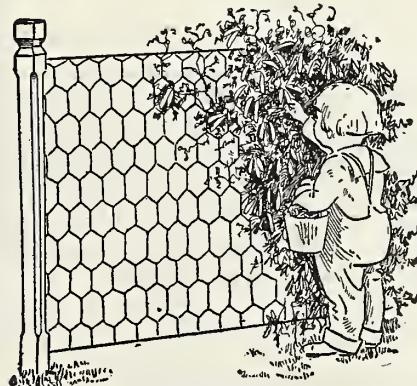
**Telephone (Tall).** The finest late wrinkled pea grown; exceedingly sweet; an abundant producer; height, 3½ feet. 35c. lb.; 5 lbs., \$1.50; \$2.80 for 10 lbs.; 25 lbs., \$6.00; \$23.00 per 100 lbs.

## SUGAR OR EDIBLE POD PEAS

This type produces large, well-filled pods. They are cooked with the peas intact; very tender and exceedingly sweet. We do not recommend this as a market variety.

**Dwarf Gray Sugar.** Gray seed; height, 2 feet. 35c. lb.; 5 lbs., \$1.50; \$2.80 for 10 lbs.; 25 lbs., \$6.00; \$22.00 per 100 lbs.

**Tall Melting Sugar.** Height, 4 feet. 35c. lb.; 5 lbs., \$1.50; \$2.80 for 10 lbs.; 25 lbs., \$6.00; \$22.00 per 100 lbs.



## WIRE PEA TRELLIS

The ideal support for garden peas and sweet peas; neater, more economical than brush; can be rolled up when the season is over and stored. Made of strong galvanized netting and substantial uprights, neatly painted and finished. Ten ft. sections, 48 inches high, \$1.35 per section; 10 sections for \$12.50.

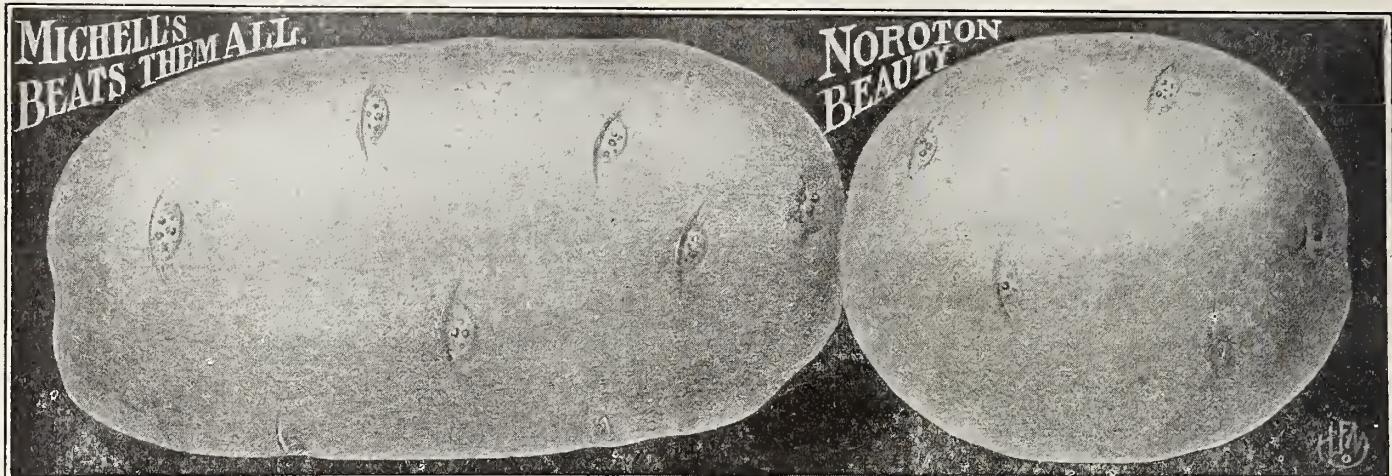
## MULFORD GERM FOR PEAS

This is a bacteria designed to make legumes to which family of plants peas belong, more prolific in growth and production; also increasing the fertility of the soil in which they are planted. Give it a trial. Per ¼ acre bottle, 50c.; \$1.50 per acre bottle; 5-ounce bottle, \$5.00.

# Michell's Maine-Grown Seed Potatoes

Our Potatoes are Grown Expressly for Seed Purposes in the Best Districts of Maine  
 Pomme de Terre (Fr.); Kartoffel (Ger.); Patata (Ital.)

Plant 12 to 14  
Bushels per Acre



**TIME OF SHIPMENT.**—Potato shipping with us commences about March 15th (weather permitting), unless otherwise requested. We can ship them at customer's risk any time during cold weather.

Our potatoes are put up in barrel sacks of 165 lbs. each. Shipment in barrels can be made at a cost of 75c. each for barrels. **Beats Them All** (Michell's). This famous variety has given the best results wherever tried, yielding more than any other early potato; quality fine, extremely early, coming in about one week or ten days earlier than Early Rose. Oblong in shape.

**Beauty of Hebron.** Somewhat earlier than Early Rose, otherwise very similar. Good yielder.

**Bliss Triumph or Red Bliss.** A very early thin-skinned variety, they are frequently offered as Southern or Bermuda grown.

**Early Ohio.** A seedling of the Early Rose, ripens about a week earlier; slightly round in shape.

**Early Rose** (Houlton or Maine). A leading variety for earliness, quality and productiveness; pink skin, oblong shape.

**Gold Coin.** Late roundish-flat variety; very heavy yielder of large potatoes.

**Green Mountain.** An excellent general crop variety; white, roundish flat.

**Irish Cobbler.** A splendid sort, almost round in shape.

**Jersey Redskin.** For late planting in July, doing especially well in light sandy soil.

**Noroton Beauty.** The earliest and most productive potato grown, and of superb table qualities. Red skin, round in shape.

**State of Maine.** An old favorite, grown by every gardener; good keeper; flat in shape.

## SWEET POTATO PLANTS (Ready in May)

Red Nansemond      }  
 Yellow Nansemond      } Price on Application.

Sweet Potato plants are shipped at buyer's risk and not less than 100 of a variety can be supplied.

## REGARDING POTATO PRICES

At the time of printing this catalog prices for potatoes could not be anticipated. We can, however, assure our customers that we will fill their orders at a reasonable price for first-class quality. Please do not compare Maine-grown Seed Potatoes, which we handle exclusively, with New York State grown stock.

There are more varieties of Seed Potatoes than those we offer, but those listed here are tried and proved.

## HYBRIDIZED POTATO SEED

This seed will produce innumerable new kinds, colors, shapes, sizes and qualities. The product will astonish you. Some may be of immense value. This is worth trying. Pkt., 15c.; 25c. for 2 pkts.

## CONCAVE POTATO KNIVES

For cutting out the eyes of seed potatoes prior to planting. Made of best steel with concave blade. 35c.; 3 for \$1.00.

## POTATO SCAB DESTROYER (A Formaldehyde)

Dilute 1 quart in 25 gallons of water and soak the seed potatoes in this solution for 2 hours before cutting. They should then be taken out and dried; 25 gallons treating liquid is sufficient for approximately 15 bushels of potatoes. Price: 75c. per pint (cannot be sent parcel post).

## POTATO CULTURE (By Rogers)

A practical treatise on this very important crop. Per copy, 60c.; postpaid.

## PEANUTS

Arachide (Fr.); Erdnuss (Ger.); Cece de terra (Ital.)



One bushel nuts unshelled will plant an acre, but shell must be removed beforehand.

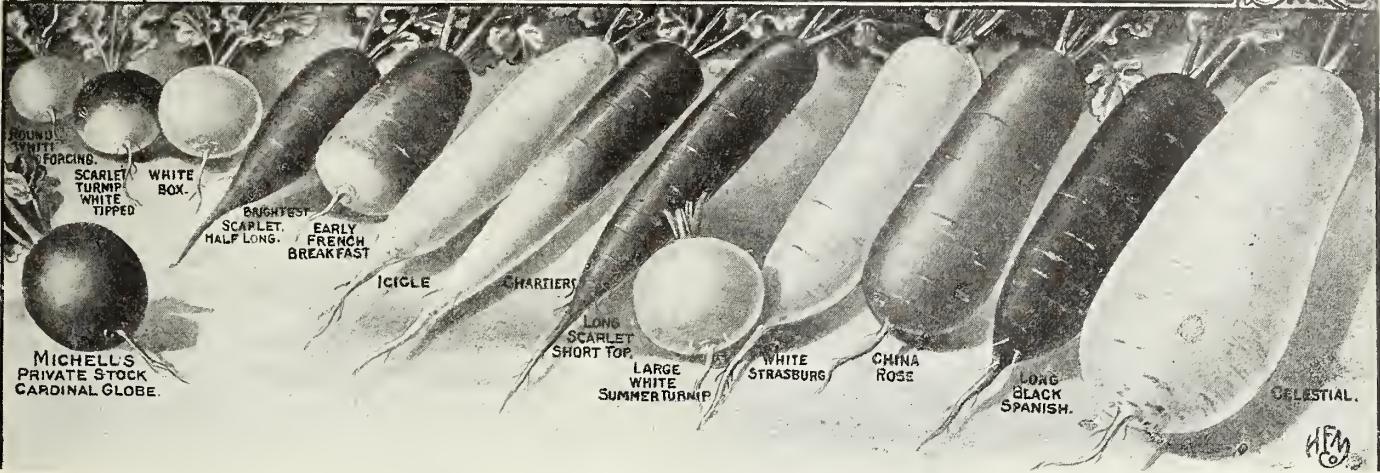
It is generally believed peanuts cannot be grown anywhere north of Virginia, but this is a mistake; most any well-drained garden soil suits them, where they will yield a big crop. The peanut plant rather enriches the soil instead of impoverishing it, as it is an abundant gatherer of free nitrogen. Selected Virginia, 1/2 lb., 25c.; 40c. lb.; \$1.75 for 5 lbs.

## PENNYROYAL (Herb.)

60c. oz.; 1/4 lb., \$2.00.



*Pumpkin—Large Tours or Mammoth*  
 (For list of varieties of Pumpkin, see page 27)



**Radis (Fr.); Radieschen (Ger.); Ravanelli (Ital.).**

One ounce of seed will sow a row about 75 feet long; 8 to 10 lbs. are required for an acre.

Radishes should be sown in good rich ground, where they can make rapid growth, for then only do they produce the best results. The winter radishes are sown in July and are developed by autumn, at which time they may be taken up and stored in cool cellars and covered with sand.

### EARLY VARIETIES

**Cardinal or Scarlet Globe (Improved Strain).** The very best forcing variety, of globular shape and brilliant cardinal red color, of perfect shape. 20c. per oz.;  $\frac{1}{4}$  lb., 60c.; \$2.00 lb.

**Crimson Giant.** Turnip shaped; very large and tender. 15c. oz.;  $\frac{1}{4}$  lb., 50c.; \$1.50 lb.

**Early French Breakfast.** Oblong shape, rapid grower, very mild and tender, of a beautiful scarlet color, tipped with white. 15c. oz.;  $\frac{1}{4}$  lb., 50c.; \$1.50 lb.

**Icicle (Improved Strain).** A magnificent white variety of fine taste, grows  $3\frac{1}{2}$  to 4 in. long in 22 days. Also suitable for summer sowing. Our stock of this is grown from carefully selected roots and is unusually good. 15c. oz.;  $\frac{1}{4}$  lb., 50c.; \$1.50 lb.

**Long Scarlet Short Top or Salmon.** A favorite variety: long, bright scarlet with small top. 10c. oz.;  $\frac{1}{4}$  lb., 30c.; \$1.00 lb.

**Round Red Forcing or Button.** Very quick in maturing; splendid for hot bed or garden culture. 15c. oz.;  $\frac{1}{4}$  lb., 50c.; \$1.50 lb.

**Scarlet Turnip, White Tipped.** Fine early scarlet variety with white point. 15c. oz.;  $\frac{1}{4}$  lb., 50c.; \$1.50 lb.

**White Box, Felton's. (Private stock.)** A selection of the old reliable White Box radish, more perfect form, producing shorter tops, and does not have a tendency to grow long in shape. 15c. oz.;  $\frac{1}{4}$  lb., 40c.; \$1.25 lb.

### SUMMER AND WINTER VARIETIES

**China Rose.** Bright rose color; flesh firm. One of the best for winter use. Half-long in shape with a scarlet blunt tip. Winter radishes should be cultivated more extensively than what they are. 15c. oz.;  $\frac{1}{4}$  lb., 50c.; \$1.50 lb.

**Celestial or White Chinese.** Large size. Pure white, excellent keeper. 15c. oz.;  $\frac{1}{4}$  lb., 50c.; \$1.50 lb.

**Half Long Black.** A great improvement on the old Long Spanish Radish, which variety we have discontinued in favor of this one. 15c. oz.;  $\frac{1}{4}$  lb., 40c.; \$1.25 lb.

**Round Black Spanish.** Like the above, except in form; some trade preferring the round. 15c. oz.;  $\frac{1}{4}$  lb., 40c.; \$1.25 lb.

**White Strasburg.** Oblong, of a pure white color, and mild flavor; a splendid variety for summer. 15c. oz.;  $\frac{1}{4}$  lb., 50c.; \$1.50 lb.

### Testimonial

State Hospital, Norristown, Pa.

I have received the package of seeds. Michell's seeds have always with me been "Unbeatable", and I know this shipment will prove equally so.

HUGH HUGHES,  
Head Gardener.

## PUMPKIN

**Potiron (Fr.); Grosse Kurbis (Ger.); Zucca (Ital.).**

One ounce will plant 25 hills; 4 to 6 lbs. for an acre.

NOTE—All seeds offered on this page  
are mailed post paid at prices quoted.

Plant any time after the ground has become permanently warm, about four seeds to the hill: the latter to be about 8 feet apart each way. To obtain strong vines they may be pinched back somewhat, and if large specimens are desired, leave but one or two pumpkins on a vine. Do not plant near other vine crops, as they may hybridize the latter and spoil the taste; they can also be planted among corn after the last cultivating.

**Cashaw or Golden Crook Neck.** A very meaty sort; suitable for pie or stock feeding purposes; flesh golden yellow and very tender. 15c. oz.;  $\frac{1}{4}$  lb., 45c.; \$1.50 lb.

**Connecticut or Common Field.** Shape almost round; fruits produced in great abundance; flesh coarse and suitable only for stock feeding; color light yellow. 10c. oz.;  $\frac{1}{4}$  lb., 30c.; 85c. lb.

**Japanese Pie.** A crook-necked variety, deep green with darker stripes, which turn to a rich golden yellow. The fruit sets and matures early. The name given to it is derived from the seed, which is curiously marked like Japanese letters of the alphabet. 15c. oz.;  $\frac{1}{4}$  lb., 45c.; \$1.50 lb.

**Large Cheese.** A very large, flat ribbed fruit, of a beautiful buff yellow color; the interior is of fine quality. An enormous producer, ideal for market, home gardens and canning purposes. 15c. oz.;  $\frac{1}{4}$  lb., 40c.; \$1.25 lb.

**Large Tours or Mammoth.** The biggest pumpkin in cultivation, producing fruits that often weigh 200 lbs. When fully ripened it is of a golden orange color, free from stringiness and ideal for pie-making or cooking. 15c. oz.;  $\frac{1}{4}$  lb., 40c.; \$1.25 lb.

**Tennessee Sweet Potato.** An oblong-shaped, medium-sized fruit with a very light buff yellow skin. For pies it is delicious, while for cooking for table use it is dry and tasty, resembling the flavor of mashed sweet potatoes. 15c. oz.;  $\frac{1}{4}$  lb., 40c.; \$1.25 lb.

**Winter Luxury.** Known as the New England pie pumpkin. No Thanksgiving dinner there is complete without the palatable pumpkin pie, made from this variety. The skin is a russet yellow, while the flesh golden orange when ripe. 15c. oz.;  $\frac{1}{4}$  lb., 50c.; \$1.50 lb.

### SQUASH FOR PIE MAKING

The Boston Marrow and Hubbard Squashes offered on page 29 are extensively sold for pie-making, in fact many people refer to them as pumpkins instead of squash.

### MICHELL'S PRACTICAL GARDEN POINTERS

Is the title of a publication we have compiled that contains a mine of information on things horticultural and agricultural. There is a free copy for you. Though you may know all about vegetable growing you will find this interesting.

# MICHELL'S VEGETABLE SEEDS



RHUBARB is a crop that should be in every market garden and truck patch. It cares for itself and always returns a good profit.

## RHUBARB

Rhubarb (Fr.); Rhabarber (Ger.); Rabarbaro (Ital.).

Seed should be sown outdoors in April in rows 3 ft. apart. The following spring the roots should be transplanted into permanent beds and placed 3 feet apart each way; the year following that, or two years after sowing the seed, the rhubarb may be used. Roots may be planted in October or in the spring up to May 15th.

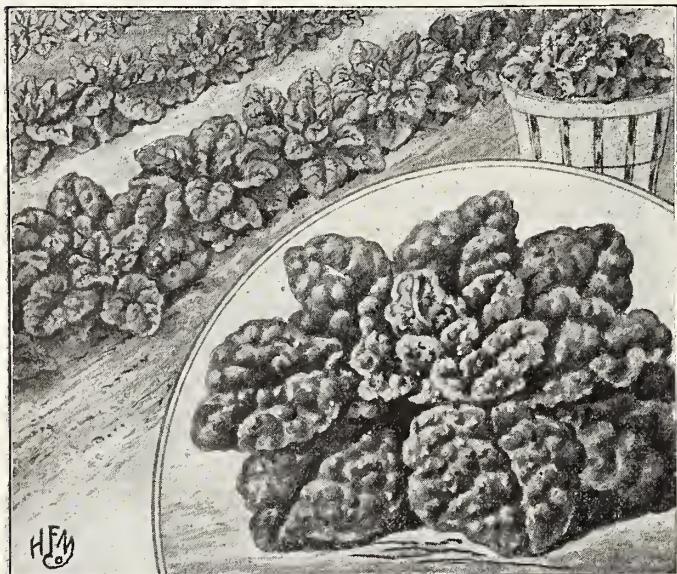
**Victoria.** Immense long stalks of a cherry red color, which cook splendidly, have no strings or coarse matter. The most popular variety. 15c. oz.; 1/4 lb., 50c.; \$1.75 lb.

## RHUBARB ROOTS

(Ready from October to May 15th.)

**Victoria First Size Roots.** \$1.00 doz.; per 100, \$7.00; \$60.00 per 1000.

**Victoria Extra Large Roots;** also for outdoor planting. \$1.50 doz.; per 100, \$10.00; \$85.00 per 1000.



Spinach, Bloomsdale Savoy

Hamlet, N. C.

Your garden seeds are all coming up splendid—the finest I have ever had, and the seed potatoes were great.

MRS. O. L. CLOUD.

NOTE.—All seeds offered on this page are mailed free at prices quoted.

**ROSEMARY** (Herb). 50c. oz.; 1/4 lb., \$1.75.

**RUTA BAGA** (See page 31)

**SAGE** (Herb). 50c. oz.; 1/4 lb., \$1.75; \$6.50 lb.

**SAFFRON** (Herb). 20c. oz.; 1/4 lb., 60c.

**SAVORY** (Herb) Summer. 30c. oz.; 1/4 lb., \$1.00.

" (Herb) Winter. 50c. oz.

**SHALLOTS** (See page 21).

**SWEET BASIL** (Herb). 25c. oz.; 1/4 lb., 75c.

**SWEET MARJORAM** (Herb) American. 65c. oz.; 1/4 lb., \$2.50.

" " (Herb) Imported. 30c. oz.; 1/4 lb., \$1.00.

## SALSIFY (Oyster Plant)

Salsifis (Fr.); Hafer Wurzel (Ger.); Salsefia (Ital.).

One ounce of seed will sow about 50 ft. of drill. 10 lbs. per acre. Sow in early spring, in drills 15 inches apart and 1 to 2 inches deep; when about 4 inches high, thin out. Soil should be very deep and mellow in order that the root may grow straight down. Store same as carrots for winter use, or they can be left in the ground until spring. This is one of the finest vegetables stewed and served with a cream dressing, while if sliced or made into cakes and fried like parsnips, they taste like a delicious oyster.

**Mammeth Sandwich Island.** This variety is of enormous size, twice as large as the ordinary white; pure white, very tender and delicious. 30c. oz.; 1/4 lb., 90c.; \$3.50 per lb.



## SORREL

Oseille (Fr.); Sauerampfer (Ger.); Acetosa (Ital.).

Large leaved. Relished principally by the French people, who use it as a spinach dressing; also as a salad. Has an acid flavor. A sowing lasts several years. Being hardy, the seed stalks should be cut off when they appear. 20c. oz.; 1/4 lb., 60c.; \$2.00 lb.

## SPINACH

Epinard (Fr.); Spinat (Ger.); Spinaccio (Ital.).

One ounce will sow a row about 75 feet long; 10 to 12 pounds are required for an acre. Sow for spring use in drills one foot apart (covering the seed about one-half inch) as early as the ground can be worked, and continue to sow every two weeks till May 15th. Spinach seed seldom germinates during June, July or August, so we do not recommend sowing again until September, which is the season to provide an early winter and spring crop. Seed sown then is generally broadcasted and on approach of cold weather is covered with long manure, salt hay, straw or other suitable litter. On mild winter days it may be gathered, but it should not be disturbed while the plant is frozen. For a supply of spinach during summer, the New Zealand variety is sown in April or May. Spinach can also be grown successfully under hot bed sash during the early winter and spring months.

**Bloomsdale Round-Seeded Savoy** (Improved Strain). The hardest variety; curled and crimped, thick, fleshy leaves; the best for early spring and fall sowing. \$1.00 lb.; 5 lbs., \$4.50; \$8.50 for 10 lbs.; 20 lbs., \$16.00; 100 lbs., \$65.00.

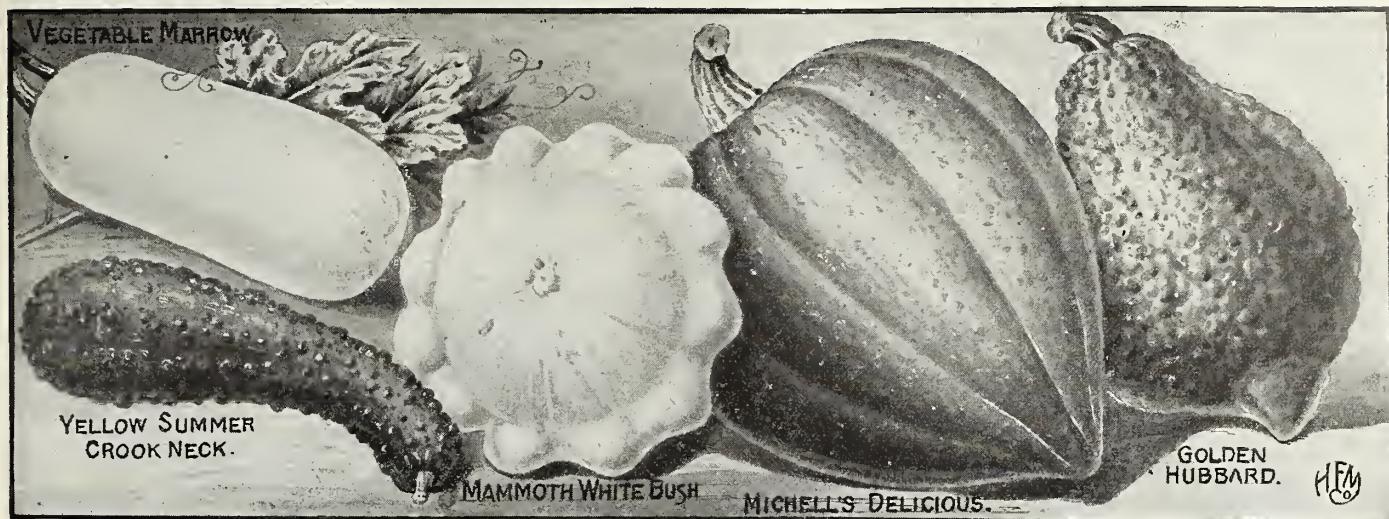
**Long Season.** A cross between Bloomsdale and the Victoria. It produces tremendously large plants and leaves, which are strong and robust. It will resist heat better without shooting to seed than any variety yet introduced. The leaves are somewhat curled and are tender. Color, a beautiful dark green. \$1.35 lb.; 5 lbs., \$6.25; \$11.50 for 10 lbs.; 20 lbs., \$20.00; 100 lbs., \$80.00.

**New Zealand.** This variety endures heat and drought; excellent for summer use; the leaves are small and thick. It is an enormous yielder, growing upright; one sowing can be picked from the entire summer. A very distinct variety and not generally grown for the market. 15c. oz.; 1/4 lb., 50c.; \$1.85 lb.

# MICHELL'S VEGETABLE SEEDS

29

NOTE.—All seeds offered on this page are sent postpaid at prices quoted.



## SQUASH

**Courge (Fr.)**; Speisse Kurbis (Ger.); Zucca (Ital.).  
One ounce will plant 20 to 50 hills, 3 to 4 lbs. are required for an acre.

This vegetable is a popular one for summer and winter use, and being susceptible to cold it should not be planted until the ground is thoroughly warm. There are two varieties, the bush sort being planted in hills 4 to 5 feet apart each way; the running varieties require planting 8 to 15 feet apart in order that the fruits may develop properly. Place 8 to 10 seeds in a hill, and when the third stage of leaves is set, thin out to about 4 plants in a hill. Some varieties, it will be noted, are ideal for pie-making, more delicious than some of the pumpkins.

### SUMMER VARIETIES

**Cocozelle.** This is a bush variety with smooth fruits, dark green in color, striped deeper. 15c. per oz.;  $\frac{1}{4}$  lb., 50c.; \$1.50 per lb.  
**Golden Custard.** A flat scalloped type, like the White Bush; the skin is a light yellow color, and very thin, leaving plenty of meat in the centre; a bush or compact growing kind. 15c. oz.;  $\frac{1}{4}$  lb., 50c.; \$1.50 lb.

**Mammoth White Bush.** Of round scalloped form with an ivory white skin. This variety has an abundance of meat of very fine flavor. It is one of the earliest to mature and is very prolific, bearing continually until killed by frost. 15c. oz.;  $\frac{1}{4}$  lb., 50c.; \$1.50 lb.

### SUMMER SQUASH (continued).

**Yellow Summer Crook Neck.** Shaped like a club with a bent neck. The skin is very rough and warty, of an orange yellow color. Much preferred by housewives on account of its very dry meat when boiled. This is a variety with a running vine. 20c. oz.;  $\frac{1}{4}$  lb., 60c.; \$2.00 lb.

### FALL AND WINTER VARIETIES (Vine Sorts)

**Boston Marrow.** Shaped similar to Hubbard, golden orange; fine for canning for winter use; cooked as a vegetable or in pie. 15c. oz.;  $\frac{1}{4}$  lb., 40c.; \$1.25 lb.

**Delicious.** Well named, as it has the finest flavor of any squash, of oblong shape with a deep green skin and thin rind, with a seed cavity so small that it almost meets in the centre. One of the best winter keepers; grown extensively for market; when matured it weighs from 5 to 10 lbs. and is in its prime during the early winter; one of the very best. 20c. oz.;  $\frac{1}{4}$  lb., 60c.; \$2.00 lb.

**Golden Hubbard.** Used extensively for pie, but served as a vegetable; it is very dry and delicious. The outside is a deep orange red, while the flesh is very tender. 20c. oz.;  $\frac{1}{4}$  lb., 60c.; \$2.00 lb.

**Vegetable Marrow.** A long, greenish white variety; fine for cooking; very sweet and tender. This is the favorite squash with the English people. 20c. oz.;  $\frac{1}{4}$  lb., 60c.; \$2.00 lb.

## SWISS CHARD (Spinach Beet)

Poireau (Fr.); Mangold Kohl (Ger.); Porro (Ital.)

1 oz. will sow a row about 50 feet long.

A wonderful vegetable which is known but too little. From every possible standpoint it has qualities that recommend its use in every household. Readily grown from seed, when it can be used five weeks after sowing and is a continuous crop until killed by frost. The plant does not produce a beet root, but its valuable part is all above the ground; large leaves with broad ribs grow from the centre of the plant; the outer leaves only should be carefully pulled from the plant and the foliage part separated from the rib in preparing to cook. The former when cooked is served like spinach, which it resembles in taste; the ribs when boiled and served with melted butter are the equal of finest asparagus. Not generally grown for the market, but we believe with the right introduction it would become a ready seller.

**Giant Lucullus.** Very tall growing; crinkly leaves often two feet long; an enormous yielder. 20c. oz.;  $\frac{1}{4}$  lb., 60c.; \$2.00 lb.

## THYME (Herb)

French Broad Leaved Summer.  $\frac{1}{2}$  oz., 40c.; 75c. oz.;  $\frac{1}{4}$  lb., \$2.00; \$7.00 lb.

## TOBACCO SEED

Many people like to have a few plants of this in the garden. It attracts butterflies. The flower is very sweet scented, while the leaves may be dried, cured and made into smoking tobacco and cigars. Sow in a box indoors; transplant when about 3 inches high into thumb pots, and set outdoors in May

	Pkt.	$\frac{1}{2}$ oz.	Oz.
Connecticut Seed Leaf . . . . .	\$0.07	\$0.15	\$0.30
Havana Seed Leaf . . . . .	.07	.15	.30
Pennsylvania Seed Leaf . . . . .	.07	.15	.30

## Testimonial

We have a fine garden, the best vegetables in this neighborhood, and grown entirely from Michell's Seeds.

Boertown, Pa.  
WILLIAM E. HENRY.



Giant Lucullus Swiss Chard

# MICHELL'S SELECT TOMATO SEED ..

MICHELL'S  
PRIVATE STOCK  
STONE TOMATO.

MICHELL'S  
GLOBETOMATO.



Pomme d'Amour (Fr.); Liebes Apfel (Ger.); Pomo d'oro (Ital.).

One ounce will produce 3500 plants;  $\frac{1}{4}$  lb. will provide enough for an acre.

Sow in the house or hotbed about March 1st, transplant when 3 inches high, and again later to produce vigorous specimens. Set plants outdoors about May 1st in rows 3 feet apart, 18 inches in the row or in hills 4 feet apart each way. Properly grown tomato plants should be supported. Note.—All seeds offered on this page mailed free at quoted prices.

**Beauty.** One of the largest bright red tomatoes, solid and meaty, quite early. 40c. oz.;  $\frac{1}{4}$  lb., \$1.25; \$4.00 lb.

**Bonny Best.** One of the most prolific of early tomatoes. The size is not so large, but it is very solid and evenly formed. Color, a beautiful bright red. 40c. oz.;  $\frac{1}{4}$  lb., \$1.25; \$4.00 lb.

**Crackerjack (Michell's).** This is one of the best early tomatoes for the home garden, its productiveness being wonderful; quite free from acid and of a convenient size. Color, rich red and produced in clusters. Be sure and try it if you have not already done so. 50c. oz.;  $\frac{1}{4}$  lb., \$1.50; \$5.00 lb.

**Dwarf Champion.** A distinct type, the plant looks like a miniature tree; very dwarf and compact; color of fruit, bright red and very solid; late maturer. 50c. oz.;  $\frac{1}{4}$  lb., \$1.50; \$5.00 lb.

**Dwarf Stone.** A dwarf compact growing plant, yielding a large crop of medium-sized very solid tomatoes. Color, bright red. The plant is very distinct and upright; late cropper. 40c. oz.;  $\frac{1}{4}$  lb., \$1.25; \$4.00 lb.

**Earliana (Spark's).** The most prolific early tomato ever produced. Grows in clusters; medium in size; solid and very desirable. 40c. oz.;  $\frac{1}{4}$  lb., \$1.25; \$4.00 lb.

**Early Jewel (Chalk's).** A favorite variety with the market gardener. Color, a bright red; solid and good shipper. 40c. oz.;  $\frac{1}{4}$  lb., \$1.25; \$4.00 lb.

**John Baer.** The very first tomato to fruit in the garden; dwarf plants; fruit of medium size, red and very uniform. 40c. oz.;  $\frac{1}{4}$  lb., \$1.25; \$4.00 lb.

## Testimonial

Kinston, N. C.  
Enclosed find M. O. to pay my bill. I shall need your seeds and requisites in increasing quantities, as I find them better than I can get elsewhere. If the flowers to be produced by the pansies are as good as the germination of the seed, I shall think of you often and well. T. N. PARKER

**Globe (Michell's Improved).** One of the largest and heaviest of the late tomatoes on our list, the shape is rather oblong so that for slicing it cuts more from a fruit than any other variety; absolutely smooth, never cracks and colors right to the stem. 40c. oz.;  $\frac{1}{4}$  lb., \$1.25; \$4.00 lb.

**Golden Queen.** Large yellow fruit; very sweet, almost free from acid; splendid for preserving. 40c. oz.;  $\frac{1}{4}$  lb., \$1.25; \$4.00 lb.

**Matchless.** Large red fruit, general crop variety. 40c. oz.;  $\frac{1}{4}$  lb., \$1.25; \$4.00 lb.

**Ponderosa.** The largest tomato in existence; a beautiful deep pink. 50c. oz.;  $\frac{1}{4}$  lb., \$1.50; \$6.00 lb.

**Red Rock.** One of the most solid varieties, medium early and of a brilliant red color, a fine one for the market garden. 40c. oz.;  $\frac{1}{4}$  lb., \$1.25; \$4.00 lb.

**Stone (Michell's Private Stock).** A very careful selection of the old favorite Stone. The fruits are larger, more even, and produced in greater abundance. 50c. oz.;  $\frac{1}{4}$  lb., \$1.50; \$5.00 lb.

## FORCING TOMATOES

	$\frac{1}{2}$ Oz.	Oz.
Best of All.....	\$0.25	\$0.40
Comet.....	.25	.40
Eclipse (Original pkts.).....	.45	

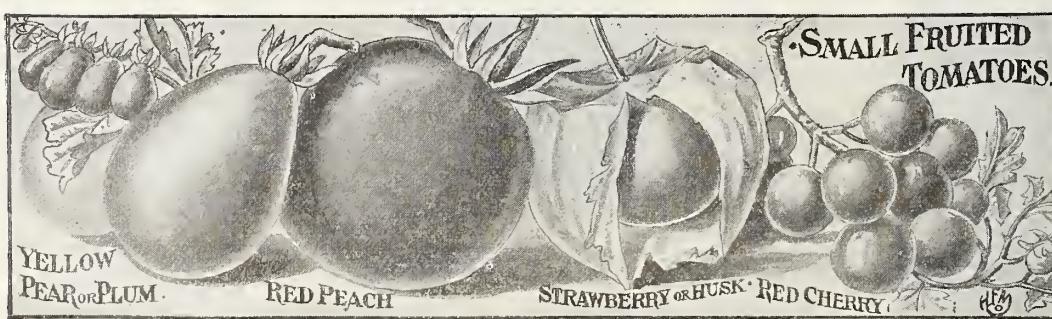
## SMALL FRUITED TOMATOES

	$\frac{1}{2}$ Oz.	Oz.
Red Cherry.....	\$0.20	\$0.40
Red Peach.....	.20	.40
Yellow Pear.....	.20	.40
Strawberry or Husk	.20	.40

## TOMATO PLANTS

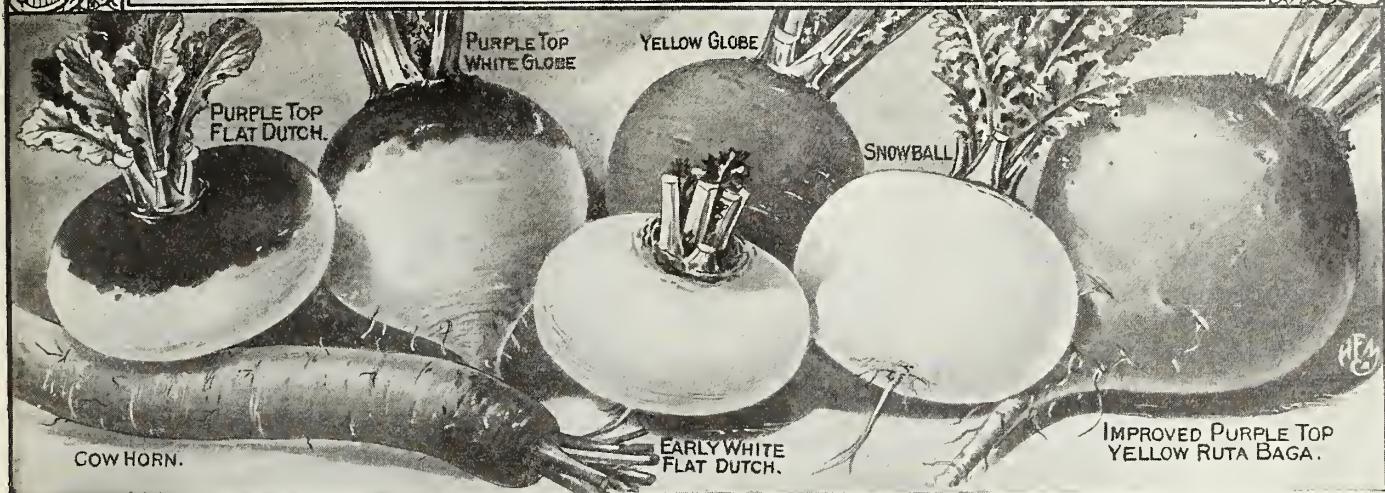
(Ready in April.)

	Doz.	100	1000
Pot Grown.....	\$0.65	\$4.75	\$42.60
Hot Bed Grown	.20	1.00	7.00



# MICHELL'S TURNIP AND RUTA BAGA SEED.

31



**Herbst Ruben (Ger.); Navet (Fr.); Navone, Rapa (Ital.).**  
One ounce of seed for 100 feet drill; two lbs per acre, broadcast.

For early use sow the small sorts as soon as the ground can be worked in the spring; in drills fourteen inches apart. Ruta Bagas thirty inches. As the seed is fine it should be covered but slightly, except in very dry weather. Do not sow too thickly, so the roots can develop. For fall and winter use sow broadcast from the middle of July to the middle of August, and Ruta Bagas in drills in August. **NOTE.**—All seeds offered on this page mailed postpaid at quoted prices.

## TURNIP

**Aberdeen.** A flat yellow variety, a good winter keeper. 10c. oz.;  $\frac{1}{4}$  lb., 35c.; \$1.25 lb.

**Cow Horn.** A long white variety used for soiling and stock feeding; will be found far superior to crimson clover. 15c. oz.;  $\frac{1}{4}$  lb., 45c.; \$1.50 lb.

**Early Purple Top Flat.** The most popular variety in cultivation, a large yielder, well flavored. For early market trade it is desirable. 15c. oz.;  $\frac{1}{4}$  lb., 45c.; \$1.50 lb.

**Purple Top White Globe.** A large perfect shaped sort, the skin is purple at top and white at bottom, very sweet. Market gardeners should grow this extensively. 15c. oz.;  $\frac{1}{4}$  lb., 40c.; \$1.50 lb.

**Purple Top White Globe.** (Private stock.) This is a careful selection of the above variety, especially adapted for private garden. 15c. oz.;  $\frac{1}{4}$  lb., 50c.; \$1.75 lb.

**Snowball.** A pure white globe variety, almost round; very early. 15c. oz.;  $\frac{1}{4}$  lb., 45c.; \$1.50 lb.

**Yellow Globe or Amber.** Shaped like the Purple Top Globe, but the color is like that of a Yellow Ruta Baga. 15c. oz.;  $\frac{1}{4}$  lb., 50c.; \$1.50 lb.

## RUTA BAGA

Ruta Bagas should be sown in drills about 30 inches apart and when 3 inches high thinned out to get the greatest root development. They need to be cultivated liberally and hilled up.

Customers frequently complain that Ruta Bagas grow too long in shape, rather than in a round form. Careful inquiry has developed the fact that this is caused by sowing the seed too early.

In the locality of Philadelphia and New York the seed should not be sown until August 1st, when it will invariably develop perfectly globular formed roots.

**Private Stock Purple Top Yellow.** This is the perfect ideal Ruta Baga. Top is purple, the bottom yellow. It brings a high price when sold in the market on account of its shape. Our strain of Ruta Bagas is grown from carefully selected roots and will be found highly satisfactory. 15c. oz.;  $\frac{1}{4}$  lb., 50c.; \$1.75 lb.

### Testimonial

HICKOX, GA.

Seeds arrived O. K. Thanks for your courteous handling of my order. A prospective customer I had in mind for you bought elsewhere; his seeds arrived at the time yours did, so we are off in a race for supremacy. Michell's seeds are already, at the start, far in the lead.

H. J. McGEE

## SEEDS OF CULINARY AND MEDICINAL HERBS

A few herbs in the garden will be found very convenient, there being so many uses to which they can be put in the green and also dry form. For winter use they should be cut just as they come into flower, tied in bunches and hung in a light, airy place indoors, where they can be available for use any time. Growers with market stalls will always find ready demand for bunched herbs.

	½ Oz.	Oz.	¼ lb.	Lb.		½ Oz.	Oz.	¼ lb.	Lb.		½ Oz.	Oz.	¼ lb.	Lb.
Anise	\$0.10	\$0.35	\$1.25		*Lavender .....	.15	.30	1.00	3.75	Sweet Marjoram	(Imported) ....	.15	.30	1.00
Basil (Sweet)	.25	.75	2.75		(Pkt., 15c.)					Sweet Marjoram	(American) ...	.35	.65	2.50
Borage	.10	.20	.70	2.50	*Pennyroyal .....	.30	.60	2.00		*Thyme, Broad	Leaved .....	.40	.75	2.00
Caraway	.15	.25	.85	3.00	*Rosemary .....	.25	.50	1.75						7.00
*Catnip (Pkt., 10c.)					Saffron .....	.10	.20	.60						
*Chives .....	.15	.30			*Sage .....	.25	.50	1.75	6.50	Varieties* are hardy or perennial, while	others must be planted each season.			
Dill .....	.10	.15	.30	1.00	Savory Summer..	.15	.30	1.00						
*Fennel (Sweet) .....	.10	.15	.50	1.50	Savory Winter...	.25	.50							
Mint (Peppermint). (Per pkt., 15c.)														



# 32 Michell's High Grade Farm Seeds

PRICES SUBJECT TO MARKET CHANGES

**Alfalfa (*Medicago Sativa*).** Non Irrigated Seed. (Grown in Kansas.) Sow  $\frac{1}{2}$  bu., 30 lbs. per acre during May, August or September. Price on application.

**Alfalfa Grimm Strain.** This is claimed by some to be hardier than the Kansas grown Seed. Price on application.

**Buckwheat.** Sow 1 bu. per acre during June and July. Japanese and Silver Hull. Price on application.

**Barley, Beardless.** Sow  $1\frac{1}{2}$  to 2 bu. per acre from May 15th to July 1st. Price on application.

**Beans, Soja.** Sow  $1\frac{1}{2}$  bu. per acre during May. Mammoth yellow; Wilson. Price on application.

**Broom Corn.** Early Evergreen. Sow 10 lbs. per acre during May. Price on application.

**Clover, Alsike.** Sow 10 lbs. per acre during March, April or August. Price on application.

" Bokhara or Sweet. Sow 15 lbs. per acre during April or August. Price on application.

" Crimson. Sow 20 lbs. per acre during July or August. Price on application.

" Mammoth Red. Sow 20 lbs. per acre during March, April or August. Price on application.

" Red Medium. Sow 20 lbs. per acre during March, April or August. Price on application.

" White Dutch. Sow 10 lbs. per acre. 7c. per oz.;  $\frac{1}{4}$  lb., 18c.; 70c. per lb.; 5 lbs., \$3.40; \$6.75 for 10 lbs.

Price for larger quantity on application.

**Cotton Seed.** Grown principally as an ornamental crop in this latitude. 15c. per  $\frac{1}{4}$  lb.; 40c. per lb.; 5 lbs., \$1.25.

**Canada Field Peas.** Sow  $1\frac{1}{2}$  bu. per acre during April, with 1 bushel of oats. This makes splendid green feed. Price on application.

**Cow Peas.** Sow during May 2 bu. per acre broadcast, or 1 bu. per acre in drills. Black, Black Eye and Whippoorwill. Prices on application.

**Flax.** Sow 1 bushel per acre during May and June. Price on application.

**Kaffir Corn.** Sow in June and July. 10 lbs. per acre. Lb., 15c.

**Millet.** A splendid emergency hay crop; can be harvested in 60 days. Sow during June and July; 1 bushel per acre. Hungarian and Golden. Lb., 15c. Japanese; sow 12 lbs. per acre. 15c. per lb. Pearl; sow 10 lbs. per acre. Lb., 15c.

**Oats.** Sow from April until June; 3 bushels per acre. Swedish or Washington, Canadian Cluster, Tartar King, Storm King. Price on application.

**Rye (Spring).** Sow  $1\frac{1}{2}$  bu. per acre broadcast during April and May. Price on application.

**Rye (Winter).** Sow in October and November;  $1\frac{1}{2}$  bu. per acre. Price on application.



Canadian Cluster Oats

**Rape. Dwarf Essex.** Sow 6 lbs. per acre broadcast, or in drills at intervals from April 1st to October 1st. 25c. per lb.

**Sorghum or Sugar Cane.** Early Amber. Sow 25 lbs. per acre in drills during May or June. 15c. per lb.

**Speltz or Emmer.** Sow during April and May; 2 bushels per acre. 10c. lb.

**Sudan Grass.** Similar to millet. Sow 16 to 24 lbs. per acre broadcast during April, May and June. Price on application.

**Sunflower.** Mammoth Russian (For Seeding). Splendid poultry food. Sow 10 qts. per acre in drills. 20c. lb. Price for larger quantity on application.

**Timothy.** Sow  $\frac{1}{2}$  bushel per acre during April, August or September. 20c. lb.

**Teosinte.** A splendid forage plant for dry sandy soils. Sow in May and June; 5 to 6 lbs. per acre. Price on application.

**Vetch.** For green feed, green manure and cover crops. Sow 1 bushel per acre broadcast. Winter (*Vicia Villosa*). Spring (*Vicia Sativa*). Price on application.

**Wheat.** Sow  $1\frac{1}{2}$  bushels per acre in drills; Spring, Saskatchewan Fife. Winter varieties ready after September 15th. Prices on application.

## FIELD CORN

We make a specialty of choice field seed corn, shelled, from carefully tipped and butted ears and dried naturally by air.

**Cloud's Early Yellow Dent**

**Golden Beauty**

**Champion White Pearl**

**100 Day Bristol**

**Early Canada Flint**

**Reid's Yellow Dent**

**Early Mastodon**

**Red Cob Ensilage**

**Eureka Yellow Dent**

**Silver King**

Field Corn weighs 50 lbs. per bushel, and prices will be quoted on application.

**ABOUT PRICES**—For larger quantities than mentioned on Farm Seeds these will be quoted on application.



# Michell's Recleaned Grass Seeds (for all purposes)

33

Our connections with the best grass seed producers in America and Europe place us in a position of advantage for our supplies, chiefly because of the great volume of grass seeds we contract for. Some people have an idea that price is the only factor to consider in grass seed buying; while this has its place, it should be an afterthought. "Quality is paramount." We are always pleased to submit samples with prices for comparison and let you be the judge. "Our prices and quality are right."

Grass Seed is easily the most important item on a fairway and putting green, and our house, realizing this, for a number of years has made a specialty of catering to the grass seed wants of particular clubs.



*A view of the course of the Merion Cricket Club, Haverford, Pa. Michell's Grass Seeds sown exclusively*

## MIXTURES FOR LAWNS

	Qt.	4 Qts.	Peck	Bush.	100 lbs.
<b>Michell's Clover Lawn Green Grass Seed Mixture.</b> 30 lbs. per bushel. For sandy soils or for seashore lawns . . . . .	\$0.40	\$1.40	\$2.50	\$9.50	\$30.00
<b>Michell's Top Notch.</b> 25 lbs. per bushel . . . . .			1.75	6.50	25.00
<b>Michell's Green Velvet.</b> 20 lbs. per bush . . . . .	.25	.75	1.35	5.00	22.50
<b>Michell's Evergreen.</b> 20 lbs. per bushel. The standard Lawn Mixture . . . . .	.20	.60	1.00	3.25	15.75
<b>Michell's Shaded Lawn Grass.</b> Will produce perfect swards in shaded places . . . . .	.25	.75	1.35	5.00	22.50
<b>Fairmount Park Lawn Seed.</b> .12	.45	.65	.25	14.00	
<b>Michell's Seashore Formula Grass Seed.</b> .25	.75	1.35	5.00	22.50	
<b>Michell's Terrace or Embankment Grass Seed.</b> .20	.60	1.10	4.00	19.00	
<b>Southern States Evergreen Lawn Grass Seed.</b> .15	.45	.80	3.00	18.00	
<b>Special Sod Grass Seed.</b> Produces a heavy sod . . . . .	.20	.60	.90	3.00	18.00
<b>Woodlands Lawn Mixture.</b> 20 lbs. per bushel . . . . .	.20	.60	1.10	4.00	18.50

## GRASSES IN SEPARATE VARIETIES

All Strictly Recleaned and Carefully Tested for Purity					
Lbs. per bu.	Lb.	Bush.	100 lbs.		
35 <b>Bermuda Grass</b> . . . . .	\$0.55				
14 <b>Blue Grass (Kentucky).</b> Extra fancy, 3 to 5 bu. per acre (90c. per peck) . . . . .	.30	\$3.50	\$24.00		
14 <b>Blue Grass (Canadian).</b> 3 to 5 bu. per acre . . . . .	.22	2.50	15.00		
20 <b>Creeping Bent.</b> 4 bu. per acre . . . . .	Price on application				
21 <b>Crested Dogtail.</b> 3½ to 4 bu. per acre . . . . .	.45	8.50	37.50		
24 <b>English Rye (Pacey's Fancy Short Seeded).</b> Fine for lawns. 3 bu. per acre . . . . .	.25	5.25	18.50		
14 <b>Fine Leaved Fescue</b> . . . . .	Price on application				
32 <b>Herd or Red Top (Recleaned).</b> . . . . .	.25	7.00	20.00		
10 <b>Herd or Red Top.</b> Unhulled, 4 to 5 bu. per acre . . . . .	.18	1.50	13.00		
12 <b>Hard Fescue.</b> 30 lbs. per acre . . . . .	Price on application				
18 <b>Italian Rye.</b> 50 lbs. per acre . . . . .	.25	4.00	20.00		

## WHITE CLOVER

Choice recleaned. Sow 10 to 12 lbs. per acre (60 lbs. per bushel). Per ¼ lb., 18c.; 70c. per lb.; 5 lbs., \$3.40; \$6.75 for 10 lbs. Price for larger quantity on application.

## MIXTURES FOR PLEASURE GROUNDS

	Qt.	4 Qts.	Peck	Bush.	100 lbs.
<b>Michell's Fair Green Mixture.</b> 20 lbs. per bushel . . . . .	\$0.20	\$0.65	\$1.10	\$4.00	\$19.00
<b>Michell's Putting Green Mixture.</b> 25 lbs. per bushel . . . . .	.25	.90	2.00	8.00	31.00
<b>Michell's Teeing Grounds Mixture.</b> 20 lbs. per bushel . . . . .	.20	.65	1.00	3.50	16.00
<b>Michell's Lawn Tennis Grass Seeds.</b> 20 lbs. per bushel . . . . .	.20	.60	1.00	3.75	17.50

## MISCELLANEOUS MIXTURES

**Michell's Permanent Pasture Grass Seed.** Composed of about 10 of the best growing and most nutritious grasses and clovers for stock feeding or grazing. Sow 3 to 4 bushels per acre on new land or 2 bushels on established pastures (20 lbs. per bushel). Prices: Per qt., 15c.; 4 qts., 50c.; per peck, 90c.; per bushel, \$3.40; 100-lb. lots and over, 16c. per lb.

**Michell's Permanent Hayfield Grass Seed.** Sow 3 to 4 bushels per acre on new lands or 2 bushels on established fields (20 lbs. per bushel). Prices: Per qt., 15c.; 4 qts., 50c.; per peck, 90c.; per bu., \$3.40; 100-lb. lots and over, 16c. per lb.

**Michell's Poultry Yard Grass Seed.** (15 lbs. per bushel.) 15c. per qt.; 4 qts., 45c.; 75c. per peck; bushel, \$2.50; 100-lb. lots and over, 15c. per lb.

## GRASSES IN SEPARATE VARIETIES

and Germination. Prices Subject to Market Changes.					
Lbs. per bu.	Lb.	Bush.	100 lbs.		
22 <b>Meadow Fescue.</b> English Blue Grass . . . . .	\$0.30	\$6.50	\$27.50		
14 <b>Orchard.</b> 40 lbs. per acre . . . . .	.30	3.75	25.00		
14 <b>Red or Creeping Fescue</b> . . . . .	.55	7.00	45.00		
32 <b>Red Top.</b> Recleaned . . . . .	.25	7.00	20.00		
14 <b>Rhode Island Bent.</b> 40 lbs. per acre . . . . .	Price on application				
12 <b>Sheep's Fescue.</b> 40 lbs. per acre . . . . .	Price on application				
<b>Sudan Grass</b> . . . . .				Price on application	
<b>Sweet Vernal (Perennial).</b> 3 lbs. per acre with other grass . . . . .				Price on application	
<b>Sweet Vernal (Annual).</b> 3 lbs. per acre with other grass . . . . .				Price on application	
10 <b>Tall Meadow Oat (French Rye Grass)</b> . . . . .	Price on application				
45 <b>Timothy Seed.</b> ½ bu. per acre alone . . . . .	.18				
14 <b>Wood Meadow.</b> 30 lbs. per acre . . . . .	Price on application				

All Prices Subject to Market Changes

(hb)

*Pink Superb Aster***ASTER, Michell's Pink Superb**

This valuable variety of Aster is really "Superb" in every sense of the word. The flowers are of immense size, petals long and broad, those in the centre being curled and incurved to such an extent that the crown is completely covered; the general appearance of the flower being that of an immense flat Chrysanthemum. Color a beautiful shell pink; flowers are borne on long stems, making it a valuable sort for cutting.

Per trade pkt., 50c.; \$5.00 per oz.

**GIANT SNAPDRAGON (Antirrhinum)****Michell's Salmon Pink**

A valuable addition to this popular florist's flower; the plants grow to a height of 2 to 3 feet and produce extra long spikes of large flowers; color a delicate salmon pink.

Per trade pkt., 40c.; \$2.00 per oz.

**CARDINAL CLIMBER**

(Ipomoea Quamoclit Hybrida)

A distinct and valuable novelty, and one of the most beautiful climbers; the result of a cross between Ipomoea Quamoclit or Cypress Vine and Ipomoea Coccinea. A very rapid grower and free bloomer; leaves dark green and deeply laciniated; bears a great profusion of fiery, cardinal red flowers which are about  $1\frac{1}{2}$  inches in diameter. In order to have good germination of the seed a small notch should be filed or cut in each seed. Per trade pkt., 50c.; \$3.00 per oz.

**CELOSIA PLUMOSA****Pride of Castle Gould**

A distinct type of Celosia Plumosa and of great value, both as a pot plant and for bedding. Plants are of pyramidal growth, about 2 to 3 feet high; immense flower heads, closely resembling ostrich plumes; colors are blood red, carmine, yellow, orange, golden, orange scarlet, etc., in mixture.

Per trade pkt., 30c.; \$1.00 per  $\frac{1}{8}$  oz.

**CHINESE WOOLFLOWER**

(Celosia Childsi)

Plants grow about  $2\frac{1}{2}$  feet high and branch freely, each branch bearing at the end a large ball of scarlet flowers resembling silky wool. Per trade pkt., 40c.

**COSMOS, NEW DOUBLE FLOWERING**

An entirely new race of this popular flower; the plants are similar in habit to the late-flowering strain. The varieties named below produce full, round, double flowers and are very fine.

	Trade Pkt.	$\frac{1}{6}$ Oz	
Double Eureka, Crimson .....	\$0.50	\$1.00	
Double Eureka, Pink .....	.50	1.00	
Double Snowball, White .....	.50	1.00	

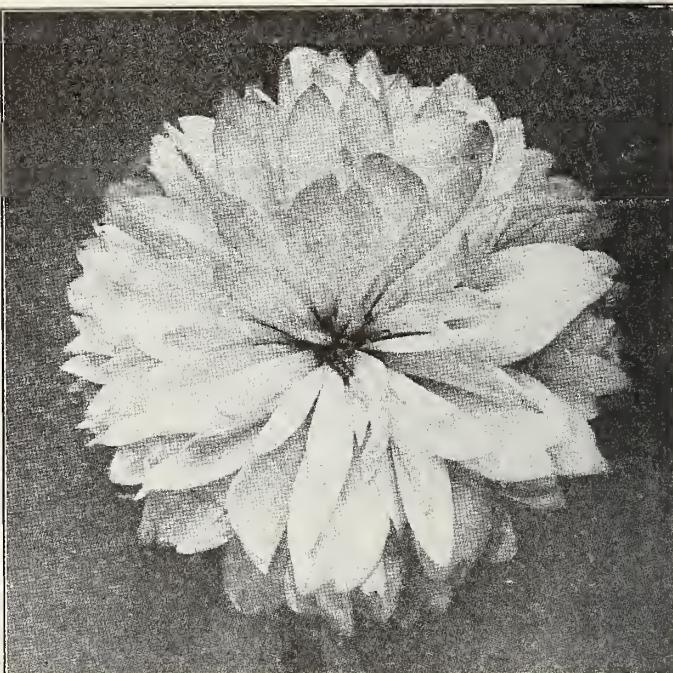
For the Double Crested Cosmos see Page 42

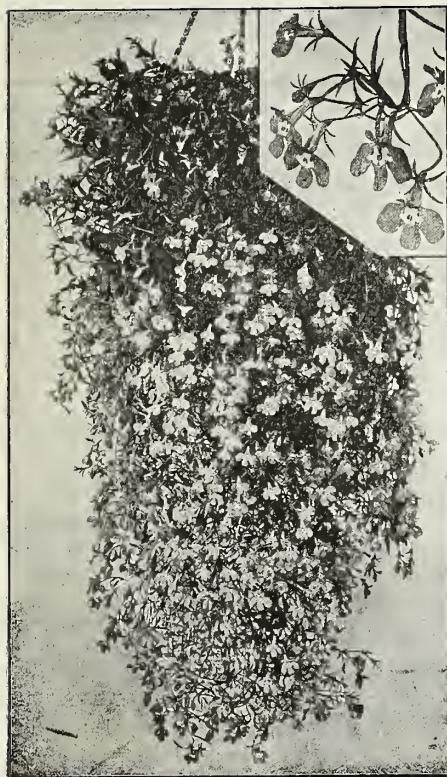
*Aster, Silvery Rose***NEW ASTER, VICK'S SILVERY ROSE**

A new variety, the description of which we quote from the introducers: "A robust, long stemmed, large flowering variety. Every petal is a combination of deep lilac rose, almost cerise, very delicately threaded with white. The threads are so tiny as to give the petals a silvery sheen. The unusual, distinctive color makes it appropriate for wreaths, design and decorative work."

Per pkt., 25c.; \$1.00 per 5 pkts.

For General List of Asters, see pages 38 and 39

*Cosmos, New Double Flowering*



*Lobelia Hybrida—Sapphire*

### LOBELIA HYBRIDA—Sapphire

This new trailing variety is of remarkably strong growth; the flowers are unusually large for a Lobelia, often measuring three-quarter inch across, and are thickly set on the long, graceful sprays of foliage; color of flowers, intense deep blue with large and clearly defined white eye.

Per trade pkt., 40c.; \$1.00 per  $\frac{1}{8}$  oz.

### DWARF LARGE FLOWERING FRINGED PETUNIA

A dwarf, compact-growing variety, with large fringed flowers. The plants grow 8 inches high, and while branching freely from the base, they remain quite compact. The plants make handsome small bushes, on which the numerous flowers, borne well above the foliage, appear in all the colors common to Petunias.

Per pkt., 25c.; 65c. per 3 pkts.

### NEW DOUBLE WHITE PRIMULA MALACOIDES

The flowers are produced in great profusion, even tiny plants producing spikes of bloom; full grown plants yield a mass of flowers, sometimes showing a delicate tinge of color which rather tends to improve the general effect than otherwise. An invaluable variety for the florist.

Per pkt., 75c.; \$2.00 per 3 pkts.

### PRIMULA—Malacoides Superba

An improved variety of the Primula Malacoides which has become so popular within the last few years; the flowers of this variety are larger and deeper in color, being a deep rosy pink. A first-class plant for greenhouse decoration during the winter.

Per pkt., 20c.; 55c. per 3 pkts.

### SCHIZANTHUS—Snowflake

Of compact habit, bearing masses of pure white flowers, beautifully fringed, and much larger than its parent, "Bridal Veil." Of easy culture, and admirably adapted for growing in pots.

Per pkt., 25c.; 65c. per 3 pkts.

### NEW GIANT ZINNIA, DOUBLE PICOTEE

A remarkable new and distinct class; large double flowers of orange, flesh, lemon, pink and cerise in mixture. A very attractive and pleasing novelty.

Per trade pkt., 50c.; \$1.00 per  $\frac{1}{8}$  oz.

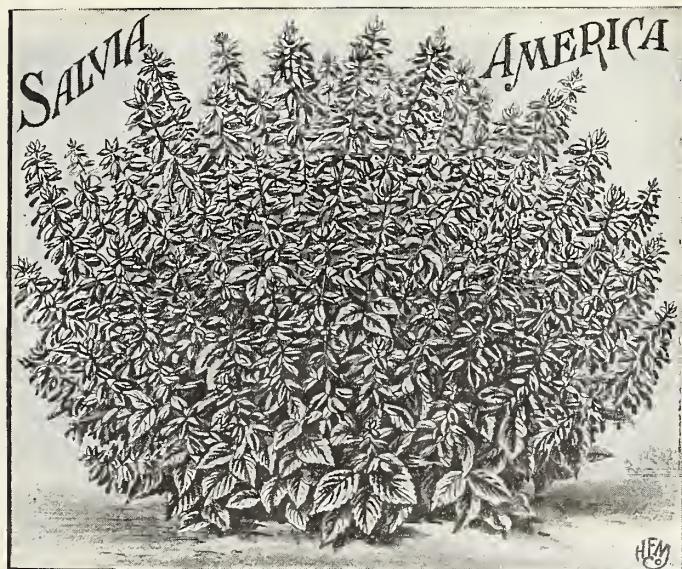


*Petunia, Michell's Monstrosus*

### LARGE FLOWERING PETUNIA MICHELL'S MONSTROSUS

A great acquisition to the list of Large Flowering Petunias, surpassing the well-known Giants of California. The flowers are extremely large, quite a number of which are elegantly fringed; the colorings, markings, veinings, blotches, etc., are superb; many of them having deep throats of various shades. (See front cover page for color plate.)

Per half trade pkt., 60c.; \$1.00 per trade pkt.



*New Salvia, America, or Globe of Fire*

### NEW SALVIA (Scarlet Sage) America or Globe of Fire

A new variety of this popular flower, of dwarf, bushy, compact growth, and very uniform in height and shape. A free and continuous bloomer, and produces large spikes of brilliant scarlet flowers. We consider this variety an improvement over any other dwarf Salvia.

Per trade pkt., 50c.; \$1.50 per  $\frac{1}{4}$  oz.; per oz., \$5.00.

# MICHELL'S "DISTINCTIVE" FLOWER SEEDS

"Distinctive" Strains of Flower Seeds for the florist is one of the most important branches of our business; we constantly aim to secure for the florist only the most improved strains such as will give perfect satisfaction. Our wonderfully increased trade is our best proof for this claim.

For full descriptions see our Retail Catalog, a copy of which will be mailed free upon application.

**NOTE.**—Half trade packets are only supplied where listed; where smaller quantities are wanted than that listed, retail packets may be ordered at a discount of 33 1/3 per cent. from our retail catalog prices.

### Fractions of ounces are supplied as follows:

Where price per oz. is	1/2 oz.	1/4 oz.	Where price per oz. is	1/2 oz.	1/4 oz.
\$0.10 .....	—	—	\$0.65 .....	\$0.35	\$0.20
.15 .....	\$0.10	—	.75 .....	.40	.25
.20 .....	.10	—	1.00 .....	.50	.30
.25 .....	.15	\$0.10	1.25 .....	.65	.35
.30 .....	.15	.10	1.50 .....	.75	.40
.35 .....	.20	.10	1.75 .....	.90	.50
.40 .....	.20	.15	2.00 .....	1.00	.60
.50 .....	.25	.15	2.25 .....	1.15	.60
.60 .....	.30	.20	2.50 .....	1.25	.65

### ABUTILON (Flowering Maple)

	Trade Pkt.	Oz.
Choicest Mixed .....	\$0.40	\$2.50

### ACHILLEA

Perennial, flowering continuously all summer.  
Ptarmica, fl. pl. "The Pearl." Double white ..... .50 3.00

### ACONITUM (Monk's Hood)

Napellus, Blue. Perennial; long spikes of flowers.. .25

### ACROCLINIUM (Everlasting)

Excellent for cutting fresh or for winter bouquets.  
Double Rose Pink ..... \$0.20 \$0.60  
" White ..... .20 .60  
" Mixed ..... .15 .35  
Single Mixed ..... .15 .30

### AGERATUM (Floss Flower)

Blue Perfection. Best dark blue, height, 12 in....\$0.15 \$0.60  
Cope's Pet. Blue; compact dwarf plant ..... .15 .60  
Imperial Dwarf Blue. Height, 8 inches ..... .15 .40  
Imperial Dwarf White. Height, 8 inches ..... .15 .40  
Little Blue Star. Dainty little plant; very dwarf.... .40  
Princess Victoria Louise. Blue, white centre ..... .15 .50

### AGROSTEMMA (Mullein Pink)

Coronaria. Hardy perennial; deep crimson flowers .15 .35



Sweet Alyssum

### ALYSSUM

	Trade Pkt.	Oz.
Lilac Queen. Dwarf and compact; flowers lilac....	\$0.30	\$1.00
Little Dorritt. Even more compact than Little Gem and desirable for a pot plant .....	.15	.60
Little Gem. Our strain of this popular sort is quite distinct, very dwarf, compact and absolutely true from seed .....	1/4 lb., \$1.75	.15 .50
Lutescens. Dwarf, yellow flowers .....	.30	1.00
Sweet (Alyssum Benthami). The well-known fragrant white .....	(1/4 lb., 75c.)	.15 .25
Saxatile Compactum. Perennial; golden yellow....	.20	.75

### AMPELOPSIS

Veitchi (Japanese Ivy). .... 1/4 lb., 75c. .15 .25

### AMARANTHUS

	Trade Pkt.	Oz.
Caudatus (Love-Lies-Bleeding). Blood red leaves...	\$0.15	\$0.25
Cruentus (Princess Feather). Dark red .....	.15	.25
Tricolor Splendens (Joseph's Coat). Various colors..	.15	.60
Mixed .....	.15	.25

### ANCHUSA

Italica, "Dropmore Variety." Perennial; branching plant, 4 feet; light blue flowers ..... .25 1.00

### ANEMONE (Windflower)

Hardy perennial; excellent for cutting.  
Coronaria Mixed ..... .15 .60  
St. Brigid. Semi-double; various colors..... .30 1.50

### ANTHEMIS (Hardy Marguerite)

Tinctoria Kelwayi. Daisy-like bright yellow flowers. .25 1.00

### ANTIRRHINUM (Snapdragon)

Extensively used for cutting both summer and winter.

Michell's Giant Salmon Pink. A valuable addition to this popular flower; extra long spikes of flowers of a delicate salmon pink. Trade pkt., 40c.; \$2.00 per oz.

Silver Pink. Long spikes and a very profuse bloomer. Original pkts., \$1.00; \$2.50 per 3 pkts.

	Trade Pkt.	Oz.
Giant Garnet	\$0.20	\$0.75
" Pink	.20	.75
" Scarlet	.20	.75
" Striped	.20	.75

	Trade Pkt.	Oz.
" Venus. Shell pink on white ground.	.30	1.25
" White	.20	.75
" Yellow	.20	.75
" Mixed	.20	.60

### ANTIRRHINUM Semi Dwarf

These grow about 18 inches high and are the best for bedding.

Captivation. Chamois pink. Pkt., 20c.

Daphne. Pink. Trade pkt., 20c.; 75c. per oz.

Defiance. Fiery scarlet. Trade pkt., 20c.; 75c. per oz.

Golden Queen. Yellow. Trade pkt., 20c.; 75c. per oz.

Nelrose. Pink. Trade pkt., 40c.

Pink Gem. Rose pink. Pkt., 20c.

Queen of the North. White. Trade pkt., 20c.; 75c. per oz.

Spitfire. Orange scarlet. Pkt., 20c.

Bride. Pure white. Trade pkt., 25c.; \$1.25 per oz.

Mixed. Trade pkt., 20c.; 60c. per oz.

Tall Mixed. Regular strain, 2 feet.. Trade pkt., 15c.; 60c. per oz.

Tom Thumb Mixed. 12 inches. Trade pkt., 20c.; 75c. per oz.



MICHELL

Giant Antirrhinum (Snapdragon)

*Aquilegia—Long Spurred***AQUILEGIA (Columbine)**

These early flowering perennials are a valuable cut flower and the demand for the same is constantly on the increase.

	Trade Pkt.	Oz.
Californica Hybrida. Mixed colors .....	\$0.30	\$1.75
Chrysanth. Yellow .....	.40	2.00
Chrysanth. Alba. Pure white .....	.40	2.75
Cœrulea. Blue and white .....	.30	1.25
Haylodgensis Delicatissima. Delicate pink .....	.40	
Long Spurred Hybrids. Mixed colors .....	.30	1.50
Nivea Grandiflora. Pure white .....	.15	.40
Rose Queen. Deep rose .....	.40	
Double Mixed .....	.15	.50
Single Mixed .....	.15	.50

**ARABIS (Rock Cress)**

Alpina. Perennial; dwarf edging plant; flowers pure white .....	\$0.15	\$0.40
---	--------	--------

**ARTEMISIA**

Sacrorum Viridis ( <i>Summer Fir</i> ). A new annual foliage plant; pyramidal bushes, 3 to 5 feet high; may be grown in groups or borders; foliage fine and of a rich dark green .....	.20	.60
--	-----	-----

**ASPARAGUS PLUMOSUS NANUS****We are Headquarters for the true Greenhouse Grown Strain**

Our seeds are absolutely fresh and of high germination; our greatly increased sales each season prove beyond a doubt the superiority of our stock.

**Greenhouse Grown Seed**

100 seeds.....	\$.50	5,000 seeds.....	\$13.75
1,000 seeds.....	3.00	10,000 seeds.....	25.00
25,000 seeds.....			\$56.25

**Lathhouse Grown Seed**

100 seeds.....	\$.25	5,000 seeds.....	\$9.75
1,000 seeds.....	2.00	10,000 seeds.....	18.50
25,000 seeds.....			\$43.75

**ASPARAGUS HATCHERII****New Type of Plumosus**

100 seeds.....	\$.50	500 seeds.....	\$2.00
1,000 seeds.....	1.00	3.50	

**ASPARAGUS SPRENGERI**

100 seeds.....	\$.15	5,000 seeds.....	\$3.00
1,000 seeds.....	.75	10,000 seeds.....	5.50
25,000 seeds.....			\$12.50

*Arctotis Grandis***ARCTOTIS (African Daisy)**

**Grandis.** Splendid annual for cutting; the large daisy-like flowers are produced on long stems; color pure white on the upper surface, reverse side of petals lilac-blue ..... \$0.15 \$0.50

**ARMERIA (Sea Pink or Thrift)**

**Formosa.** Hardy perennial for edgings; flowers, rosy pink ..... .25 1.00

**ARUNDO** See Grasses, page 44

**ASPERULA**

**Odorata (Sweet Woodruff).** Suitable for hardy borders; dwarf, white ..... .25 1.00



MICHELL

*Asparagus Plumosus Nanus*

# MICHELL'S SUPERB ASTERS

We wish to emphasize the fact that our Asters are grown for us by specialists, and nearly all varieties under our own supervision. Michell's "Distinctive" Quality is nowhere more prominent than with our Asters, and we can recommend them with the utmost confidence to produce the very best results.



Crego Aster

## ASTERMUM

A valuable variety of the Giant Comet type; plants grow straight up, with strong, sturdy stems starting near the base, and owing to the symmetry of the plant, they may be set more closely than other varieties. Flowers large.

	Trade Pkt. Oz.
Lavender	... \$0.40 \$2.50
Rose Pink	... .40 2.50
White	... .40 2.50
Mixed	... .40 2.50

## ASTER, GIANT COMET

Long narrow petals which curve at the ends give this flower the appearance of a Japanese Chrysanthemum. Plants branch freely and produce their flowers on long stems.

	Trade Pkt. Oz.
Crimson	... \$0.30 \$1.50
Dark Blue	... .30 1.50
Light Blue	... .30 1.50
Peach Blossom	... .30 1.50
Pink and White	... .30 1.50
White	... .30 1.50
Choice Mixed	... .30 1.25

## ASTER, CREGO

One of the finest varieties of Asters, and has rapidly come into popular favor. Flowers are gigantic in size, often 5 inches across and with long, stout stems averaging 15 inches in length. The twisted and curled petals give the flower the appearance of a huge, flat Chrysanthemum.

Trade Pkt. Oz.	Trade Pkt. Oz.
Azure Blue	... \$0.40 \$2.00
Lavender	... .40 2.00
Purple	... .40 2.00
Rose Pink	... .40 2.00

## ASTERS OF THE DAYBREAK TYPE

This class forms strong plants of symmetrical growth: free flowering; fine for bedding, also for cutting. Trade Pkt. Oz.

**Lavender Daybreak.** Large flowers of a beautiful shade of lavender ... \$0.40 \$2.50

**Lemon Drop (Yellow Daybreak).** Flowers of a decided yellow color ... .40 2.50

**Michell's Purity (White Daybreak).** Color, pure glistening white ... .40 2.50

**Pink Daybreak.** Large, delicate pink ... .40 2.50

**Salmon Daybreak.** The color is novel and of a pleasing shade ... .40 2.50

## ASTER, EARLY WONDER

The earliest variety in cultivation, coming into bloom several days before "Queen of the Market." Flowers are large, very double, similar to "Comet" type and are carried erect on long stems.

	Trade Pkt. Oz.	Trade Pkt. Oz.
Pink	... \$0.40 \$2.25	White ... \$0.40 \$2.25

## ASTER, INVINCIBLE

A splendid Aster to fill in between the early sorts and the late ones. It is, so to say, a mid-summer Aster. Flowers are large, perfectly double and come on long stems.

	Trade Pkt. Oz.	Trade Pkt. Oz.
Blue	... \$0.30 \$1.75	Rose Pink ... \$0.30 \$1.75
Crimson	... .30 1.75	White ... .30 1.75
Lavender	... .30 1.75	Mixed ... .30 1.50

## KING ASTERS

Habit of growth similar to the Branching Aster; in form the flower is distinct; petals resemble the quilled varieties, but are larger and broader, those in the centre being curled and incurved.

Trade Pkt. Oz.

	Trade Pkt. Oz.
Pink King	An attractive, delicate shell pink ... \$0.40 \$2.25

	Trade Pkt. Oz.
Rose King	Flowers large, double, and of a deep rose color ... .40 2.25

	Trade Pkt. Oz.
Violet King	A distinct color, large, double flowers of a pleasing shade of soft violet ... .40 2.25

	Trade Pkt. Oz.
White King	The flowers are large, full centred and pure white ... .40 2.50

## ASTER, QUEEN OF THE MARKET (Extra Early)

The standard-bearer of the early flowering sorts. Our strain has been re-selected for its earliness and will prove of exceptional quality.

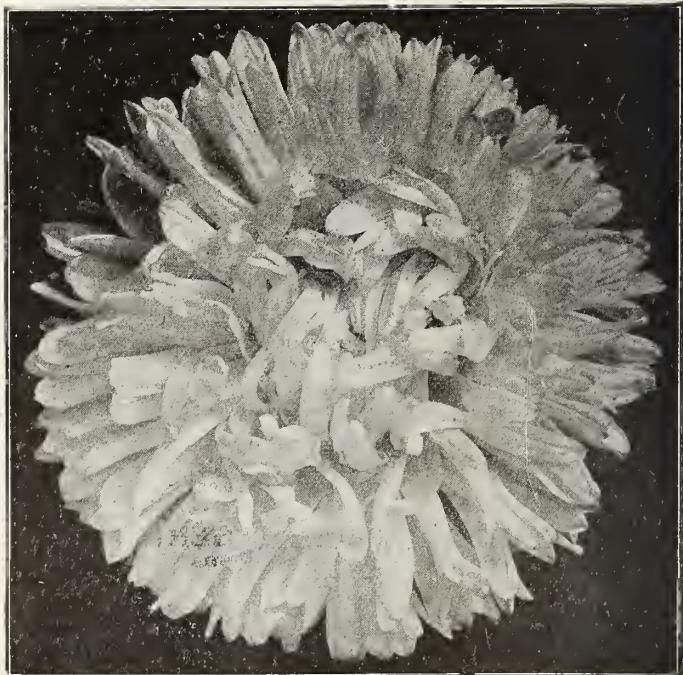
	Trade Pkt. Oz.	Trade Pkt. Oz.
Blush Pink	... \$0.25 \$1.00	Rose Pink ... \$0.25 \$1.00
Crimson	... .25 1.00	White ... .25 1.00
Dark Blue	... .25 1.00	Mixed ... .20 1.00
Light Blue	... .25 1.00	

## ASTER, EARLY ROYAL BRANCHING

One of the best Asters of recent introduction; of branching habit, and producing large flowers; has all the good qualities of the Late Branching type, and coming into bloom nearly as early as the "Queen of the Market."

	Trade Pkt. Oz.	Trade Pkt. Oz.
Lavender	... \$0.40 \$2.25	Shell Pink ... \$0.40 \$2.25
Purple	... .40 2.25	White ... .40 2.25

	Trade Pkt. Oz.
Rose Pink	... .40 2.25



Aster, Royal Branching

# MICHELL'S SUPERB ASTERS

39



Aster—Michell's Improved Semple's Branching

## MICHELL'S IMPROVED SEMPLE'S BRANCHING ASTER

The finest late blooming Aster. Our Improved Strain has been secured after many years of careful selection. Large, perfectly double flowers on long stems.

	Trade Pkt. Oz.		Trade Pkt. Oz.		
Crimson	\$0.30	\$1.50	Shell Pink	\$0.30	\$1.50
Lavender	.30	1.50	White	.30	1.50
Purple	.30	1.50	Mixed	.30	1.00
Rose Pink	.30	1.50			

## ASTERS—VARIOUS SORTS

Trade Pkt. Oz.

American Beauty.	Similar in type of flower and growth to the Late Branching Aster; flowers are produced on long heavy stems, are large and double, and of a bright carmine rose color.	.50	\$2.50
------------------	---	-----	--------

Lady Roosevelt.	One of the finest recent introductions; flowers resemble incurving Chrysanthemums; the color a gorgeous pink, of marvelous beauty; flowers are produced on long stems; season late.	.50	4.00
-----------------	---	-----	------

Lavender Gem.	An excellent variety of "Comet" form, with large perfectly double flowers, color lavender.	.40	2.50
---------------	--	-----	------

Michell's "Pink Superb".	This valuable variety is really "superb" in every sense of the word. The flowers are of immense size, petals long and broad, those in the centre lie curled and incurved, completely covering the crown; the flower has the appearance of an immense flat chrysanthemum; color, a beautiful shell pink.	.50	5.00
--------------------------	---	-----	------

Mikado Pink or Rochester.	Of "Comet" form, flowers larger and more perfectly double, averaging 5 inches in diameter; exquisite shade of shell pink.	.40	2.00
---------------------------	---	-----	------

Peerless Pink.	A valuable variety of the late branching type, although coming into bloom a little earlier; bears a profusion of large, double flowers of a rich shell pink color, very similar in shade to the Mary Semple variety. See colored plate on front cover.	.50	2.50
----------------	--	-----	------

Red Sensation.	A new and attractive variety of branching habit, producing very double flowers of a rich ox blood red.	.40	2.50
----------------	--	-----	------

## ASTERS—VARIOUS SORTS

(Continued)

Trade Pkt. Oz.

Truffant's Peony Flowered Prize Mixed.	Flowers of good size and of incurved form; fine for cutting or pots.	.30	\$1.50
Vick's Silvery Rose (New).	Deep lilac rose, delicately threaded with white. For full description and illustration, see page 34. Per pkt., 25c.; \$1.00 per 5 pkts.		
<b>Victoria Prize Mixed.</b>	Large, double flowers with reflexed petals; excellent for pots	.30	1.50
China or German Mixed.	This mixture contains many sorts and colors	.15	.50

## PERENNIAL ASTER (Michaelmas Daisy)

Mixed. All colors	.25	1.00
-------------------	-----	------

## AURICULA (Primula Auricula)

Choice Mixed.	Hardy perennial with flowers of many beautiful colors	.50	3.00
---------------	---	-----	------

## AVENA See Grasses, page 44

## BALSAM (Lady Slipper)

A very desirable annual; the White Perfection and Prince Bismarck varieties are excellent for design work.	Trade Pkt. Oz.
<b>Camellia Flowered Pink</b>	\$.20 \$0.60
" " Prince Bismarck.	Rich salmon pink .25 1.00
" " Scarlet	.20 .60
" " White Perfection	.25 1.00
" " Choice Mixed	.20 .50
Fine Mixed	.15 .35

## BALSAM APPLE

Momordica Balsamina	.15	.40
---------------------	-----	-----

## BAPTISIA (False Indigo)

Australis. perennial	Tall showy plants with deep flowers	.20	.75
----------------------	-------------------------------------	-----	-----

## BARTONIA

Aurea.	Dwarf edging plant; yellow flowers	.15	.35
--------	------------------------------------	-----	-----

## BEGONIAS

As a bedding plant there is nothing more satisfactory; also excellent for pot plants. Seeds sown in January make splendid flowering plants in May.

Trade Pkt. Oz.	
Semperflorens Erfordia. Pink	\$.30
" Gromania. Red. Pkt., 50c.	
" Queen of Carpet Bedders. Dwarf red	.40
" Salmon Queen. Salmony red	.50
" Vernon. Deep red	.25 \$2.50
" Choice Mixed	.30 2.00

## BEGONIA GRACILIS

This type produces very compact little plants that are literally covered with flowers; an easy seller.

Trade Pkt. Oz.	
Gracilis Alba. Pure white	\$.30 \$1.00
" Luminosa. Fiery dark scarlet	.40 1.75
" Prima Donna. Rose, shading to carmine	.50 2.00
" Rosea. Pink	.30 1.00

## BEGONIAS, TUBEROUS ROOTED

These are easily raised from seed; produce enormous flowers and are excellent for bedding, window boxes or pot culture.

Trade Pkt. Oz.	
Single Mixed	\$.50

Double Mixed. Pkt., 34c.

## BELLIS PERENNIS See Daisy

BOCCONIA (Plume Poppy)	
Cordata. Hardy perennial; creamy white flowers	.15 \$0.50

# MICHELL'S "DISTINCTIVE" FLOWER SEEDS

## BOLTONIA (False Chamomile)

		Trade Pkt.	Oz.
Latisquama.	Perennial; aster-like flowers; pink tinged with lilac	\$0.25	\$1.25

## BRACHYCOME (Swan River Daisy)

Iberidifolia.	A profuse flowering annual with small blue flowers	.20	.75
---------------	--	-----	-----

**BRIZA** See Grasses, page 44

**BROMUS** See Grasses, page 44

## BROWALLIA

Elate Coerulea.	Blue	.20	1.00
Speciosa Major.	Most desirable variety as a pot plant; large flowers, rich blue	.40	

## CALCEOLARIA

A most decorative pot plant, which finds ready sale if well grown. The strains we offer cannot be excelled.  $\frac{1}{2}$  Trade Pkt. Pkt. Trade Pkt.

**Hybrida Grandiflora.** Choice mixed ..... \$0.60 \$1.00

**Hybrida Grandiflora Compacta.** Dwarf, mixed ..... .60 1.00

**James' Superb Strain.** Superfine, mixed ..... .60 1.00

**Sutton's Perfection.** In original packages, \$1.00.

## CAMPANULA (Bell Flower) (Perennial)

Used extensively as border plants; the tall varieties are excellent for cutting. Trade Pkt. Oz.

**Carpatica Blue.** Dwarf, 6 inches ..... \$0.20 \$0.75

" White. Dwarf, 6 inches ..... .20 .75

**Persicifolia Grandiflora Blue.** Grows 3 to 4 feet high and produces large bell-shaped flowers along the whole stems ..... .30 1.75

**Persicifolia Grandiflora White** ..... .30 1.75

**Pyramidalis (Chimney Bell Flower).** 6 feet. Blue and white mixed ..... .25 1.00

## CAMPANULA CALYCANTHENA (Cup and Saucer)

**Calycanthema Blue** ..... \$0.30 \$1.75

" Pink ..... .30 1.75

" White ..... .30 1.75

" Mixed ..... .25 1.25

## CAMPANULA MEDIA (Canterbury Bell) (Biennial)

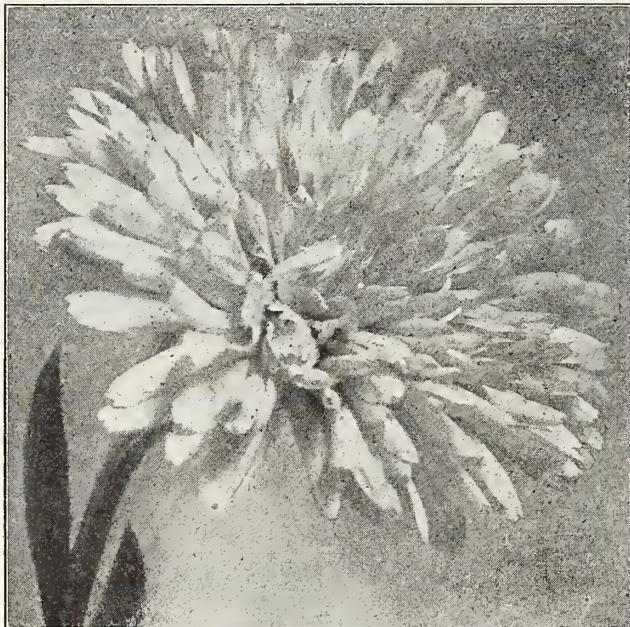
**Single Blue** ..... .15 .50

" Pink ..... .15 .50

" White ..... .15 .50

" Mixed ..... .15 .40

**Double Mixed** ..... .25 1.00



Calendula, Michell's Special Forcing

## CALENDULA (Pot Marigold)

Raised extensively as a pot plant or for bedding; excellent for cutting.

**Michell's Special Forcing.** Large flowers of a rich, orange yellow color. Large trade pkt. 35c. Trade Pkt. Oz.  $\frac{1}{4}$  lb.

**Lemon King.** Lemon yellow ..... \$0.15 \$0.25 \$0.60

**Meteor.** Orange striped ..... .15 .25 .60

**Orange King.** Rich dark orange ..... .15 .25 .60

**Prince of Orange.** Dark orange striped ..... .15 .25 .60

**Pure Gold.** Golden yellow ..... .15 .25 .60

**Sulphurea.** Sulphur yellow ..... .15 .25 .60

**Mixed** ..... .15 .25 .60

## CALLIOPSIS (Coreopsis)

### ANNUAL VARIETIES

		Trade Pkt.	Oz.
Golden Wave ( <i>Drummondii</i> ).	Golden yellow flowers	\$0.15	\$0.25
Nigra Speciosa.	Rich crimson maroon	.15	.25
Choice Mixed		.15	.25

### PERENNIAL VARIETIES

Splendid flowers for cutting during the whole summer.

**California Sunbeams.** Large flowers, yellow and brown ..... .15 .50

**Lanceolata Grandiflora.** Large golden yellow ..... .15 .40

## CANNA (Indian Shot)

**Dr. E. Ackernecht.** Deep carmine ..... .15 .35

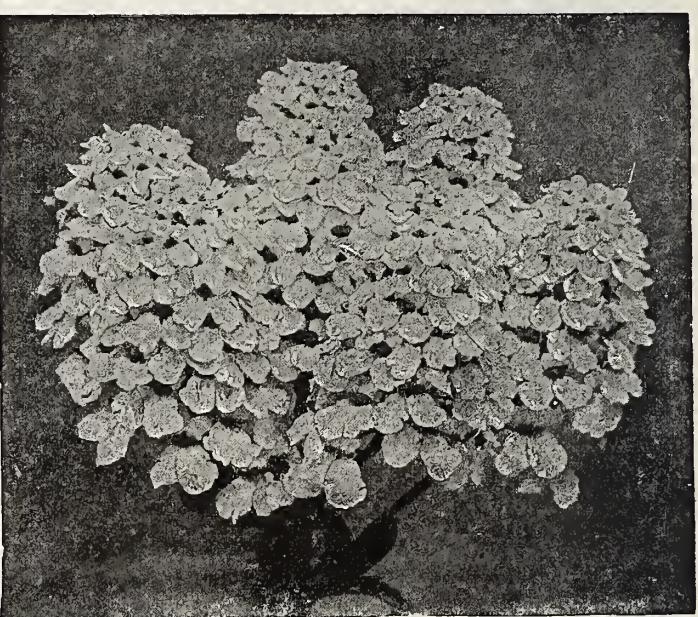
**Eureka.** Large white ..... .15 .35

**Florence Vaughan.** Yellow, spotted red ..... .15 .35

**Louis Reverchon.** Cochineal red ..... .15 .35

**Mrs. Alfred F. Conard.** Salmon pink ..... .15 .35

**Crozy's Dwarf Mixed.**  $\frac{1}{4}$  lb., 60c. ..... .20



Candytuft, Michell's Giant White

## CANDYTUFT (Iberis)

Trade Pkt. Oz.  $\frac{1}{4}$  lb.

**Carmine** ..... \$0.15 \$0.25 \$0.75

**Crimson** ..... .15 .25 .75

**Empress.** Large white ..... (Lb., \$2.50) .15 .25 .75

**Lavender** ..... .15 .25 .75

**Little Prince.** Very dwarf, white ..... .15 .30 1.00

**Michell's Giant White.** Immense spikes of pure white flowers ..... (Lb., \$4.00) .15 .50 1.50

**Pink** ..... .15 .25 .75

**Purple** ..... .15 .25 .75

**White Rocket** ..... .15 .40

**Mixed.** All colors ..... .15 .40

**Sempervirens.** Perennial; fine for edging borders; white ..... .40 2.25

## CARNATION

Trade Pkt. Oz.

**Chabaud's Everblooming.** Choice mixed ..... \$0.40 \$1.75

**Choice Mixed.** Double border ..... .40 1.50

**Early Vienna Mixed** ..... .30 1.50

**Marguerite Excelsior.** Mixed. Extra large flowers.. .30 1.25

" Pink ..... .30 1.50

" White ..... .30 1.50

" Scarlet ..... .30 1.50

" Yellow ..... .30 1.50

" Choice Mixed ..... .20 .75

## CARDINAL CLIMBER

**Ipomoea Quamoclit Hybrida.** A rapid growing annual climber, bearing a profusion of fiery, cardinal red flowers. In order to have good germination, a small notch should be filed or cut in each seed..... .50 3.00

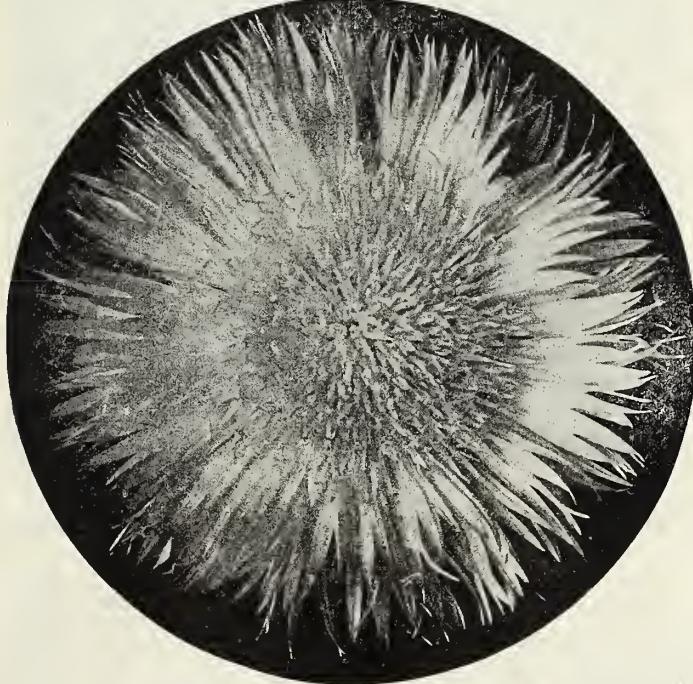
## CELOSIA

### CRISTATA OR COCKSCOMB VARIETIES

		Trade Pkt.	Oz.	
Giant Empress.	Bright crimson, dark foliage.....	\$0.25	\$1.25	
Glasgow Prize.	Dark crimson .....	.25	.25	
Choice Mixed.	Dwarf sorts .....	.20	.75	

### PLUMOSA OR FEATHERED VARIETIES

Childsii ( <i>Chinese Woolflower</i> ).	Large, ball-shaped scarlet flowers .....	\$0.40		
Golden Plume.	Deep golden yellow .....	.15	\$0.50	
Pride of Castle Gould.	Color, blood red, carmine, yellow, orange scarlet, etc., in mixture. $\frac{1}{8}$ oz., \$1.00	.30		
Scarlet .....	.....	.15	.40	
Thompsoni Magnifica.	Various colors .....	.20	.75	
Thompson's Superb.	Crimson .....	.15	.60	
Choice Mixed .....	.....	.15	.35	



*Centaurea Imperialis (Natural Size)*

## CENTAUREA

### CENTAUREA CYANUS (Cornflower)

		Trade Pkt.	Oz.	
Double Blue.	Splendid for forcing ..(1/4 lb., \$2.00)	\$0.15	\$0.60	
Emperor William.	Deep blue .....	(1/4 lb., 75c.)	.15	.25
Pink .....	.....	.15	.30	
White .....	.....	.15	.30	
Choice Mixed .....	(1/4 lb., 70c.)	.15	.25	
Double Mixed .....	.....	.15	.30	

### CENTAUREA IMPERIALIS (Giant Cornflower)

		Trade Pkt.	Oz.	
Deep Rose .....	.....	\$0.20	\$0.75	
Lavender .....	.....	.20	.75	
Lilac .....	.....	.20	.75	
Brilliant Pink .....	.....	.20	.75	
Purple .....	.....	.20	.75	
White .....	.....	.20	.75	
Choice Mixed .....	.....	.15	.50	

### NEW GIANT FLOWEDED CENTAUREAS

Magnificent flowers of brilliant colors; excellent for cutting.  
Trade Pkt. Oz.

Bride..	Pure white .....	\$0.30		
Bridegroom.	Purplish mauve .....	.30		
Honeymoon.	Golden yellow .....	.30		

### WHITE LEAVED CENTAUREAS (Dusty Miller)

Candidissima.	Broad cut silvery gray foliage. (1000 seeds, 40c.)	\$2.00		
Gymnocarpa..	Fine cut silvery foliage. (1000 seeds, 15c.) .....	.50		

### VARIOUS CENTAUREAS

Americana.	Lilac purple .....	.15	.50	
Suaveolens.	Large yellow .....	.15	.50	
Montana.	Perennial, blue.....	.25	1.25	

## CHRYSANTHEMUM

### ANNUAL VARIETIES

		Trade Pkt.	Oz.
Helios ( <i>Evening Star</i> ).	Large golden yellow .....	\$0.15	\$0.30
Inordorum Snowball.	Large double white flowers....	.20	.75
White Star.	Large white, yellow centre with dark disc .....	.15	.40
Double Mixed .....	.....	.15	.25
Single Mixed .....	.....	.15	.25

### PERENNIAL VARIETIES

Frutescens Grandiflorum ( <i>Paris Daisy</i> ).	White .....	\$0.15	\$0.60
Japanese Hybrids.	Autumn flowering, mixed .....	.50	
King Edward VII.	Extra large; pure white .....	.20	.75
Mrs. C. Lothian Bell.	Immense pure white flowers..	.40	
Shasta Daisy "Alaska."	Pure white .....	.40	2.00



*Cineraria—Michell's Grandiflora Prize*

## MICHELL'S "DISTINCTIVE" CINERARIAS

Our improved strains have been acclaimed wonderful; immense trusses of the largest flowers.

		Trade	Pkt.	Pkt.
Grandiflora Prize Dwarf.	Mixed colors .....	\$0.60	\$1.00	
Grandiflora Prize Medium Tall.	Mixed colors.....	.60	1.00	
Hybrida, Choice Mixed .....	.....	.30	.50	
Matador.	Large flowering scarlet .....	.60	1.00	
Radiata Hybrida.	Small star-like flowers .....	.60	1.00	
Stellata Hybrida.	Mixed colors .....	.60	1.00	
Sutton's Stellata.	Star-shaped ....(Orig. pkt., 75c.)			
Sutton's Superb.	Mixed colors ....(Orig. pkt., 75c.)			

		Trade Pkt.	Oz.
Maritima Candidissima.	White leaved .....	\$0.15	\$0.30

### CLARKIA

Elegans, Double Mixed .....	.15	.35
" Single Mixed .....	.15	.30

### CLEMATIS

Flammula.	Feathery white flowers .....	.15	.30
Jackman's Large Flowering.	Mixed .....	.40	2.25
Paniculata.	White star-shaped flowers .....	.15	.50

### CLEOME (Giant Spider Plant)

Pungens.	Rose-colored flowers .....	.15	.25
----------	----------------------------	-----	-----

### COBEA SCANDENS (Cups and Saucers Vine)

Seeds should be placed edgewise to insure good germination.

		Trade Pkt.	Oz.
Purple .....	.....	\$0.15	\$0.40
White .....	.....	.20	.75

**COIX LACHRYMAE** See Grasses, page 44

# MICHELL'S "DISTINCTIVE" FLOWER SEEDS

## COLEUS

Large Leaved. Choicest mixed. Trade pkt., 50c.

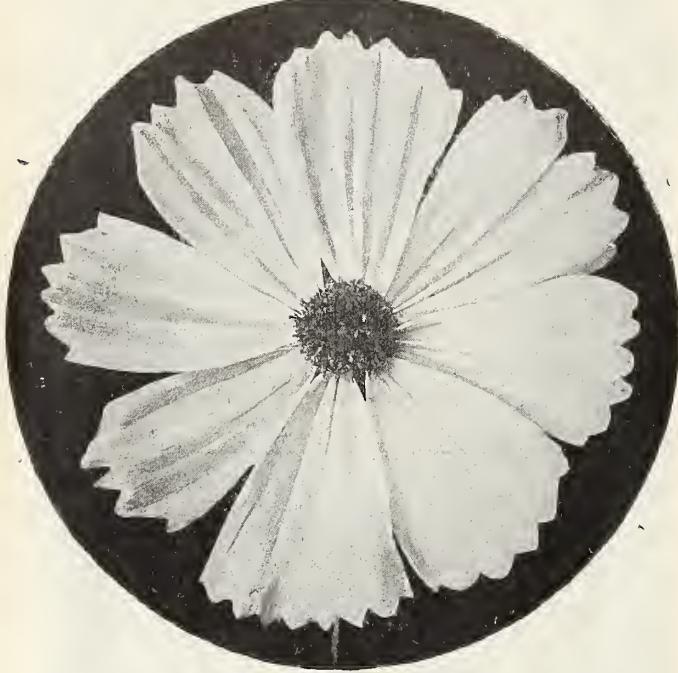
## CONVOLVULUS (Morning Glory)

### Major or Tall Varieties

		Trade Pkt.	Oz.	1/4 lb.
Double Snow Fairy.	Pure white .....	\$0.15	\$0.50	
Double Flowering.	Mixed colors .....	.15	.30	\$1.00
Japanese Imperial.	Mixed .....	.15	.50	
Japanese Imperial Fringed.	Mixed .....	.15	.60	
Mixed.	Ordinary variety.....(Lb., 75c.)	.10	.25	

### Minor or Dwarf Varieties

		.15	.50
Tricolor.	Blue .....	.15	.50
Mixed .....		.10	.25



*Michell's Giant Fancy Cosmos*

## COSMOS Early Flowering

Trade Pkt. Oz.

Dawn.	Dwarf early; white, tinged pink.....	\$0.15	\$0.40
Large Early Flowering.	Crimson .....	.15	.50
" "	Pink .....	.15	.50
" "	White .....	.15	.50
" "	Mixed .....	.15	.40

### Late Flowering

Crimson Ray.	Narrow fluted crimson petals, in star-like form .....	\$0.15	\$0.50
Double Crested.	Pink Beauty .....	.40	1.75
" "	Red Beauty .....	.40	1.75
" "	White Queen .....	.40	1.75
" Eureka.	Crimson .....	(1/16 oz., \$1.00)	.50
" "	Pink .....	(1/16 oz., \$1.00)	.50
" Snowball.	White .....	(1/16 oz., \$1.00)	.50
Giant Crimson .....		.15	.35
" Pink .....		.15	.35
" White .....		.15	.35
" Mixed .....		.15	.30
" Fancy Varieties.	Mixed .....	.25	.75
" Rainbow.	Frilled flowers; mixed .....	.20	.60
Klondyke.	Yellow .....	.20	.75
Lady Lenox.	Immense flowers; color, shell pink....	.15	.40
White Lady.	A new pure white variety of large size	.15	.40

## CUPHEA (Cigar Plant)

Platycentra.	Scarlet .....	.40
--------------	---------------	-----

## CYPERUS (Umbrella Plant)

Alternifolius .....		\$0.30	\$1.50
---------------------	--	--------	--------

## CYPRESS VINE (Ipomoea Quamoclit)

Scarlet .....		.15	.35
White .....		.15	.35
Mixed .....		.15	.30



*Michell's "Distinctive" Giant Cyclamen*

## CYCLAMEN—Michell's "Distinctive" Giant

This is an English strain, grown for us exclusively by a grower of world-renown, and the quality cannot be surpassed. Flowers are gigantic; colors clear and superb.

100 Seeds

1000 Seeds

Duke of Connaught.	Crimson .....	\$1.25	\$10.00
Excelsior.	White with red base .....	1.25	10.00
Grandiflora Alba.	White .....	1.25	10.00
Princess of Wales.	Pink .....	1.25	10.00
Salmon Queen.	Salmon pink .....	1.50	12.00
St. George.	Delicate salmon; foliage marbled.....	1.50	12.00
Mixed.	A splendid assortment of colors .....	1.00	9.00

## VARIOUS CYCLAMEN

Mrs. Buckston. Frilled and waved flowers; color, delicate salmon.

Orig. pkt., 75c.

Papilio (Butterfly). Mixed colors. \$1.25 per 100 seeds.

Persicum. Choice mixed. 50c. per 100 seeds.

Sutton's Giant. Mixed colors. Orig. pkt., 75c.

## DAHLIA

Both the Double and Single Dahlias can be easily grown from seed, and will produce blooming plants the first summer if the seed is sown before June.

Trade Pkt. Oz.

Double Cactus. All colors mixed .....

\$0.40 \$2.00

Double Large Flowering. Show type, mixed.....

.30 1.50

Single Collarette. Flowers of various colors, with a collar of small petals around the centre .....

.25 1.00

Single Giant Perfection. Mixed .....

.20 .75

Single Twentieth Century. Flowers of immense size, with distinct colorings .....

.40 2.00

## DAISY, ENGLISH DOUBLE (Bellis Perennis)

Trade Pkt. Oz.

Longfellow. Large pink .....

\$0.40 \$2.00

Monstrosa Pink .....

(1/4 oz., \$1.50) .50

Monstrosa White .....

(1/4 oz., \$1.50) .50

Monstrosa Mixed .....

(1/4 oz., \$1.25) .50

Snowball. Large white .....

.40 2.00

Double Mixed .....

.30 1.50

## DATURA (Trumpet Flower)

Cornucopia. White, marbled purple .....

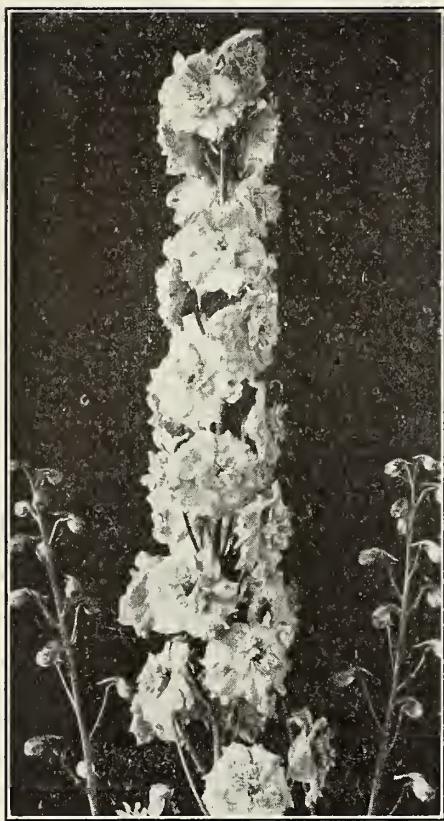
.15 .50

Double Golden .....

.15 .40

Double Mixed .....

.15 .35



Delphinium, Kelway's Giant

**DELPHINIUM** (Perennial Larkspur)

	Trade Pkt.	Oz.	
Bella Donna. Light turquoise blue	\$0.50	\$3.00	
Chinense Grandiflorum. Dwarf, blue	.20	.60	
Chinense Grandiflorum Album. White	.20	.60	
Elatum (Bee Larkspur). Blue	.25	1.25	
Formosum. Deep blue	.25	1.00	
Formosum Coelestium. Sky blue	.40	2.00	
Kelway's Giant. Enormous spikes with flowers of many shades of blue	.40	1.50	
Nudicaule. Scarlet	.40		
Rev. E. Lascelles. Flowers large and double, deep blue with white centre	.50	3.00	
Zalil. Yellow	.40		
Hybridum Mixed. All shades	.15	.50	

For ANNUAL LARKSPUR see page 45

**DIANTHUS** (Pinks)**Double Annual Sorts**

	Trade Pkt.	Oz.	
China or India Pinks. Mixed	\$0.15	\$0.40	
Fireball. Fiery scarlet	.20	.75	
Fringed. Large, mixed colors	.15	.60	
Japan Pink. Choice mixed	.15	.50	
White. Fringed flowers	.20	.75	

**Dianthus—Single Annual Sorts**

	Trade Pkt.	Oz.	
Japan Pink. Mixed colors	.15	.50	
Nobilis (Japan Royal). Mixed	.20	.60	
Salmon Queen. Brilliant salmon color	.20	.75	

**Dianthus—Hardy Garden Sorts**

	Trade Pkt.	Oz.	
Clove Scented. Double mixed	.30	1.50	
Pheasant's Eye. Single fringed flowers; mixed	.15	.40	
Double Scotch. Choice colors; mixed	.30	1.75	

**DICTAMNUS** (Gas Plant)

	Trade Pkt.	Oz.	
Fraxinella. Perennial; purple red flowers	.15	.60	

**DIGITALIS** (Foxglove)

	Trade Pkt.	Oz.	
Gloxiniaeflora, Pink	\$0.20	\$0.75	
" Purple	.20	.75	
" White	.20	.75	
" Mixed	.15	.60	
Grandiflora. Light yellow	.15	.50	
Monstrosa, Mixed	.25	1.00	

**DIMORPHOTHECA**

Aurantiaca ( <i>African Orange Daisy</i> ). Golden orange daisy-like flowers; splendid for cutting, and well adapted for forcing	.20	.75	
Aurantiaca Hybrida. A splendid mixture of colors and shades	.25	1.00	
Aurantiaca Hybrida, fl. pl. Double and semi-double flowers in various colors. Pkt., 15c.			

**DOLICHOS** (Hyacinth Bean)

Darkness. Purple violet	.20		
Daylight. Pure white	.20		
Choice Mixed	(1/4 lb., 30c.)	.10	

**DRACENA**

Useful as centre plants for vases, baskets, etc.. The seed is sent out in the hull or berry and should be rubbed out before sowing.	Trade Pkt.	Oz.	
<b>Australis.</b> Broad leaves	\$0.15	\$0.40	
<b>Indivisa.</b> Narrow green leaves; the popular sort for bedding or vases (1/4 lb., \$1.00)	.15	.30	
<b>ECHINOCYSTIS</b> (Wild Cucumber Vine)			
Lobata	.15	.25	

**EDELWEISS**

Leontopodium Alpinum. The popular Alpine	.....	.40	
--	-------	-----	--



Digitalis, Gloxiniaeflora

**ESCHSCHOLTZIA** (California Poppy)

	Trade Pkt.	Oz.	
Californica. Yellow	\$0.15	\$0.25	
Carmine King. Carmine rose	.15	.40	
Golden West. Large golden yellow	.15	.25	
Mandarin. Orange and scarlet	.15	.25	
Orange	.15	.25	
Rose Cardinal. Carmine rose	.15	.25	
White	.15	.25	
Choice Mixed	.15	.25	

**EULALIA** See Grasses, page 44**EUPATORIUM**

A fine perennial, and useful for cutting.		
Fraseri. White flowers	.15	.60

**EUPHORBIA**

Heterophylla ( <i>Mexican Fire Plant</i> ). Ornamental foliage plant, red flower bracts	.20	.75	
Variegata ( <i>Snow on the Mountain</i> ). Variegated foliage and white flower bracts	.15	.40	

**FERNS**

We can supply fresh spores of the following excellent varieties of Ferns:			
Adiantum Cuneatum	Pteris	Magnifica	
" Mixed	"	Mayii	
Aspidium Tenuimense	"	Serrulata Cristata	
Cyrtomium Falcatum	"	Tremula	
Lomaria Gibba	"	Victoria	
Lygodium Scandens	"	Wimsettii	
Pteris Adiantoides	"	Wilsoni	
" Alba Lineata	"	Mixed Varieties	
Mixed. Many choice varieties.			
Any of the above varieties, 50c. per trade packet.			

	Trade Pkt.	Oz.
Double White. Fine for cut flowers	.015	\$0.40

**FUCHSIA**

	100 Seeds	1000 Seeds
Mixed. Best single and double	\$0.60	\$4.50

## MICHELL'S "DISTINCTIVE" FLOWER SEEDS

*Gaillardia, Grandiflora***GAILLARDIA**  
Annual Varieties

Useful for cutting, or for the mixed border.

Trade Pkt. Oz.

Picta. Single mixed .....	\$0.15	\$0.30
Picta Lorenziana. Double mixed .....	.15	.35

**Gaillardia—Perennial Varieties**

These occasionally flower the first year from seed. Gigantic attractive flowers appear during the whole season; fine for cutting or borders.

Trade Pkt. Oz.

Grandiflora Compacta. Mixed .....	\$0.15	\$0.60
" Sanguinea. Blood red .....	.20	.75
" Semi Double. Mixed .....	.20	.75
" Sulphurea. Sulphur yellow .....	.20	.75
" Superba. Mixed .....	.15	.50

**GENTIANA** (Blue Gentian)

Acaulis. Hardy perennial; blue flowers .....

Trade Pkt. Oz.

Atrosanguineum Fl. Pl. Large, showy double dark crimson flowers, perennial .....	.25	1.25
--	-----	------

**GERANIUM**

Apple Scented. Per 100 seeds, 25c.; \$2.00 per 1000 seeds.

Pelargonium (*Lady Washington*). Per 100 seeds, \$1.50.

Zonale, Mixed .....	.25	1.00
---------------------	-----	------

**GERBERA** (Transvaal Daisy)

Splendid greenhouse perennials, with large daisy-like flowers; fine for pot plants or for cutting.

Jamesoni Gigantea. Immense scarlet flowers. Per 100 seeds, 75c.  
Jamesoni Hybrida. These hybrids include a wonderful range of brilliant colors and shades. Per 100 seeds, 60c.

**GEUM**

Trade Pkt. Oz.

Atrosanguineum Fl. Pl. Large, showy double dark crimson flowers, perennial .....	.20	.75
--	-----	-----

**GLOXINIA**

Carefully saved seeds from perfect flowers and shapely plants.

Hybrida Grandiflora. Choicest Mixed. (½ trade pkt., 60c.) .....	\$1.00
---	--------

**GODETIA** (Satin Flower)

Beautiful and easily grown annuals.

Trade Pkt. Oz.

Gloriosa. Blood red .....	\$0.15	\$0.50
Choice Mixed .....	.15	.30

**GOLDEN ROD**

Solidago Canadensis. Perennial; golden yellow ....

Trade Pkt. Oz.

.15	.50
-----	-----

**GOMPHRENA** (Globe Amaranth)

Also called "Bachelor's Buttons"; useful for bedding, also for cutting.

Trade Pkt. Oz.

Nana Compacta. Dwarf red .....	\$0.15	\$0.40
Mixed. All colors .....	.15	.30

**GOULD** (Ornamental)

	Trade Pkt.	Oz.
Calabash, or Dipper. Very useful .....	\$0.15	\$0.30
Egg-Shaped. White .....	.15	.30
Hercules Club. Club-shaped; 4 feet long .....	.15	.30
Luffa ( <i>Dish Rag</i> or <i>Bonnet Gourd</i> ) .....	.15	.30
Orange-Shaped ( <i>Mock Orange</i> ) .....	.15	.30
Pear-Shaped. Striped; very showy .....	.15	.30
Serpent. Striped like a serpent; 5 feet long .....	.15	.40
Sugar Trough. Used as water holders .....	.15	.30
Mixed. In a great variety .....	.15	.25

**GRASSES** (Ornamental)

## Annual Varieties

Avena Sterilis ( <i>Animated Oats</i> ) .....	.15	.25
Briza Maxima ( <i>Quaking Grass</i> ) .....	.15	.25
Bromus Brizaeformis .....	.15	.25
Coix Lachrymae ( <i>Job's Tears</i> ) .....		.10
Hordeum Jubatum ( <i>Squirrel Tail Grass</i> ) .....	.15	.40
Pennisetum Longistylum .....	.15	.50
Pennisetum Ruppelianum ( <i>Purple Fountain Grass</i> ) .....	.15	.50

## Perennial Varieties

Arundo Donax ( <i>Great Reed</i> ) .....	.15	.40
Eulalia Japonica .....	.15	.50
Gynerium Argenteum ( <i>Pampas Grass</i> ) .....	.15	.50
Stipa Pennata ( <i>Feather Grass</i> ) .....	.25	1.00

**GREVILLEA** (Silk Oak)

Robusta. An ornamental foliage plant grown extensively for vase work and very easily grown from seed .....

.20 .75

**GYPSOPHILA** (Baby's Breath)

Free flowering plants of easy culture, excellent for cutting to mix with other flowers.

Trade Pkt. Oz.

Elegans Alba Grandiflora. Hardy annual variety; flowers pure white .....

(¼ lb., 60c.) \$0.15 \$0.25

Paniculata. Perennial; graceful sprays of white flowers .....

.15 .50

Paniculata Fl. Pl. Perennial, with double white flowers. Per pkt., 15c.; 60c. per 5 pkts.

**HELENIUM**

Autumnale Superbum. Perennial; golden yellow flowers .....

.25 1.00

**HELIANTHUS** See Sunflower**HELIOPSIS**

(Orange Sunflower)

Pitcheriana. Perennial; deep golden yellow flowers; excellent for cutting. Trade pkt., 15c.; 40c. per oz.

**HELIOTROPE**

Prized on account of the fragrance of the flowers; excellent for pots or bedding.

Lemoine's Giant Hybrids. Immense flowers. Trade pkt., 30c.; oz., \$1.50

Regal. Dwarf large flowering. Trade pkt., 40c.; oz., \$2.00.

Choice Mixed. Trade pkt., 25c.; oz., \$1.25.

*Helichrysum (Straw Flower)***HELICHRYSUM** (Straw Flower)

The varieties offered below are all of the Monstrosom type, producing large and perfectly double flowers. Valuable for cutting or decoration, either when fresh or in their dried state.

Trade Pkt. Oz.

Fireball. Crimson .....

\$0.20 \$0.65

Golden Ball. Golden yellow .....

.20 .65

Salmon Pink .....

.20 .65

Silver Ball. White .....

.20 .65

Choice Mixed .....

.15 .50

**HEUCHERA** (Alum Root)

Sanguinea. Hardy perennial; spikes of vivid crimson flowers; excellent for cutting .....

.40 2.25

# MICHELL'S "DISTINCTIVE" FLOWER SEEDS

45

## HIBISCUS (Marshmallow)

	Trade Pkt.	Oz.
Crimson Eye. White with crimson centre	\$0.15	\$0.50
Golden Bowl. Yellow, with maroon centre	.15	.50
Moscheutos. Large pink flowers	.15	.40
New Giant ( <i>Mallow Marvel</i> ). Mixed	.20	.60

## HOLLYHOCK

Our seed of this popular perennial plant is saved from extra fine double flowers and cannot be surpassed.

	Trade Pkt.	Oz.
Allegheny Semi-Double Fringed Mixed	\$0.20	\$0.75
Chater's Double Maroon	.20	.75
" " Pink	.20	.75
" " Red	.20	.75
" " Salmon	.20	.75
" " White	.20	.75
" " Yellow	.20	.75
" " Mixed	.20	.60
Double Everblooming Mixed. Flowers the first year from seed	.25	1.00
Single Everblooming Mixed	.20	.60
Single Mixed	.15	.60

## HONESTY (Lunaria)

	Trade Pkt.	Oz.
Biennis Alba. Admired for its silvery seed panicles	.15	.40

## HORDEUM

See Grasses, page 44

## HUMULUS (Japanese Hop)

A rapid-growing annual climber; very ornamental. Japonicus. Green foliage \$0.15 \$0.35

Variegatus. Leaves mottled with white .15 .35

## HUNNEMANNIA (Giant Yellow Tulip Poppy)

Fumariaefolia. Will produce flowers from July till frost; good for cutting .15 .40

## IMPATIENS (Sultan's Balsam)

An elegant plant for house and conservatory decoration.

Holsti. Vermilion red \$0.40

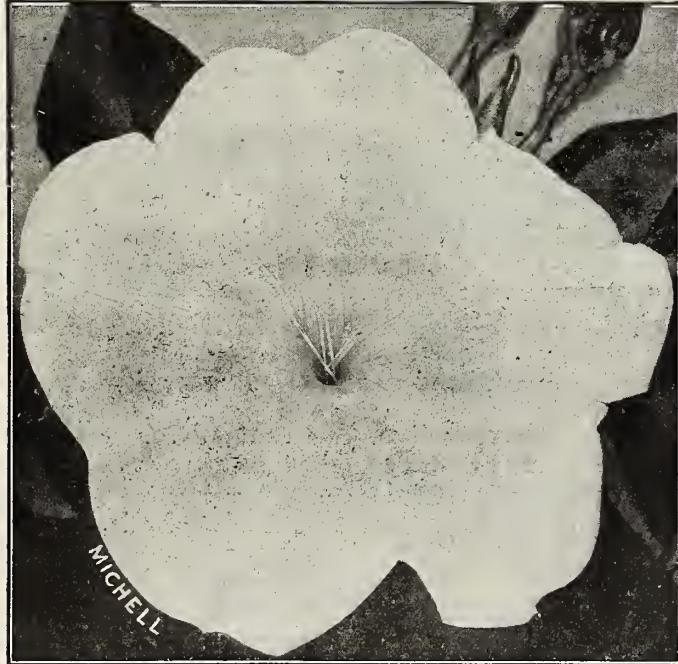
Holsti New Hybrids. Various colors .40

Sultani. Bright rose .40

Sultani Hybrida. Various colors .40

## INCARVILLEA (Hardy Gloxinia)

Delavayi. Gloxinia-like flowers of a deep pink .40 2.00



Ipomoea, (Moon Flower)

## IPOMOEA

	Trade Pkt.	Oz.
Grandiflora Superba. Blue, edged white	\$0.15	\$0.30
Heavenly Blue ( <i>Rubra Coculea</i> )	.20	.75
Noctiflora (Moon Flower). Large white. Lb., \$4.00; \$1.25 1/4 lb.	.15	.40
Quamoclit Hybrida ( <i>Cardinal Climber</i> ). Fiery, cardinal red	.50	3.00
Setosa ( <i>Brazilian Morning Glory</i> ). Pink	.15	.30
Mixed	.15	.30

	Trade Pkt.	Oz.
Kaempferi ( <i>Japanese Iris</i> ). Mixed colors	\$0.15	\$0.40

## KENILWORTH IVY

	Trade Pkt.	Oz.
Linaria Cymbalaria. Flowers violet	.25	1.50

## KOCHIA (Summer Cypress, or Mexican Fire Bush)

	Trade Pkt.	Oz.
Trichophylla. A very popular annual	.15	.25

## LANTANA

	A valuable plant for bedding, pot culture or vases.	
Dwarf Compact Mixed	.15	.60
Choice Mixed	.15	.40

## LARKSPUR (Annual)

	Trade Pkt.	Oz.
Dwarf Double Rocket. Mixed colors	\$0.15	\$0.25
Giant Hyacinth Flowered. Mixed	.15	.50

	Trade Pkt.	Oz.
Tall Stock Flowered Dark Blue	.15	.50
" " Shell Pink	.15	.50

	Trade Pkt.	Oz.
" " Sky Blue	.15	.50
" " White	.15	.50

	Trade Pkt.	Oz.
" " Mixed	.15	.35

## LATHYRUS LATIFOLIUS (Perennial Pea)

	Trade Pkt.	Oz.
Crimson	.15	.40
Pink Beauty. Bright pink	.20	.75
White	.15	.60
Choice Mixed	.15	.50

## LAVATERA

	Trade Pkt.	Oz.
Splendens Rosea. A splendid annual for cutting and decorative work; pink flowers	.20	.75

## LAVENDER

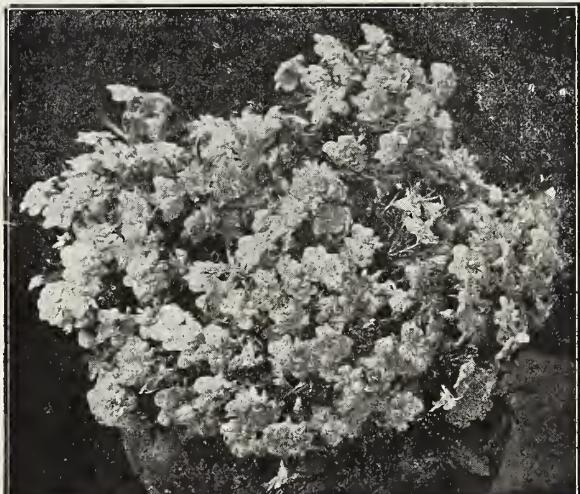
	Trade Pkt.	Oz.
Lavendula Vera ( <i>True</i> ). Fragrant blue flowers	.20	.75

## LEPTOSYNE

	Trade Pkt.	Oz.
Maritima. Free-flowering annual, with large, single yellow flowers; fine for cut flowers	.30	1.25

## LINUM

	Trade Pkt.	Oz.
Grandiflorum Rubrum ( <i>Scarlet Flax</i> )	.15	.25



Lobelia, Crystal Palace Compacta

## LOBELIA

One of the best plants for edging beds, or for pots, baskets and vases. Seed should be sown early.

Trade Pkt. Oz.

	Trade Pkt.	Oz.
Barnard's Perpetual. Dwarf blue with white eye trailing	\$0.30	\$1.75

	Trade Pkt.	Oz.
Crystal Palace Compacta. This is the leading dwarf variety, having dark blue flowers carried erect	.30	1.50

	Trade Pkt.	Oz.
Crystal Palace Speciosa. The best trailing sort for baskets and vases; deep blue	.20	.75

	Trade Pkt.	Oz.
Emperor William. Dwarf, light blue	.30	1.50

	Trade Pkt.	Oz.
Gracilis. Light blue, trailing	.15	.60

	Trade Pkt.	Oz.
Sapphire. A beautiful trailing variety, deep blue with white eye	(1/8 oz., \$1.00)	.40

	Trade Pkt.	Oz.
White Gem. Pure white; dwarf	.30	1.50

	Trade Pkt.	Oz.
Choice Mixed	.20	.75

## LOBELIA PERENNIAL

	Trade Pkt.	Oz.
Cardinalis ( <i>The Cardinal Flower</i> ). Stately plants with spikes of cardinal red flowers	.40	2.25

# MICHELL'S "DISTINCTIVE" FLOWER SEEDS

## LUPINUS (Annual)

A splendid annual for forcing in greenhouses. Long spikes of flowers which are showy, and keep well after cutting. An easy seller.	Trade Pkt.	Oz.
Blue ..... \$0.15	\$0.30	
Pink ..... .15	.30	
Scarlet, White Tipped ..... .15	.30	
White ..... .15	.30	
Yellow ..... .15	.40	
Mixed ..... .15	.25	

## Lupinus—Perennial Varieties

Showy plants for semi-shady spots.		
<b>Polyphyllus</b>		
Blue ..... \$0.15	\$0.30	
" Roseus. Soft pink ..... .20	.75	
" Somerset (New). Yellow ..... .30	1.75	
" White ..... .15	.30	
" Mixed. All colors ..... .15	.25	

## LYCHNIS

<b>Arkwrightii (New).</b> A cross between Lychnis Chaleonica and Haageana. Many shades and colors in mixture. Per pkt., 20c.; 55c. per 3 pkts.		
<b>Chaledonica.</b> Perennial; scarlet; 2 feet ..... .15	.40	
<b>Haageana Hybrida.</b> Mixed; 1 foot ..... .40	2.00	

## LYTHRUM

<b>Roseum Superbum.</b> Stately spikes of pink flowers, 3 feet, August ..... .15	.40	
--	-----	--



Marigold, Eldorado

## MARIGOLD

Dwarf French Varieties	Trade Pkt.	Oz.
Gold Striped. Double ..... \$0.15	\$0.50	
Legion of Honour (Little Brownie). Single, yellow and red ..... 15	.30	
Liliput. Very dwarf mixed ..... .20	.60	
Dwarf French Mixed ..... .15	.30	

## Marigold—African Varieties

El Dorado. Tall growing sort, double orange ..... .15	.35	
Lemon Queen. Clear lemon yellow, double ..... .15	.50	
Orange Beauty. Single orange yellow ..... .20	.75	
Orange Prince. Rich orange yellow, double ..... .15	.50	
Pride of the Garden. Golden yellow, dwarf ..... .15	.40	
Tall Double Mixed ..... .15	.30	

## MARVEL OF PERU (Four O'clocks)

Mixed ( $\frac{1}{4}$ lb., 50c.) ..... .20		
--	--	--

## MATRICARIA See Feverfew

## MATTHIOLA

<b>Bicornis (Evening Scented Stock).</b> Purplish lilac. .15	.25	
--	-----	--

## MAURANDIA

A splendid flowering plant for vases, baskets, etc.		
<b>Barclayana.</b> Purple ..... \$0.30	\$1.50	
Choice Mixed ..... .25	1.25	

## MESEMBRYANTHEMUM

	Trade Pkt.	Oz.
<b>Cordifolium Variegatum.</b> Pink flowers .....	\$0.40	
<b>Crystallinum (Ice Plant).</b> White flowers ..... .15	.40	
<b>Tricolor (Wax Plant).</b> Various colors ..... .20	.75	



Mignonette, Michell's Colossal

## MIGNONETTE

	Trade Pkt.	Oz.
<b>Allen's Defiance.</b> Large spikes ..... ( $\frac{1}{4}$ lb., \$1.25)	\$0.15	\$0.40
<b>Bismarck.</b> Large compact heads ..... .20	.60	
<b>Golden Machet.</b> Yellow ..... .15	.35	
<b>Goliath.</b> Giant spikes ..... .15	.50	
<b>Machet.</b> Improved and selected ..... ( $\frac{1}{4}$ lb., 75c.)	.15	.25
<b>Michell's Colossal.</b> One of the finest sorts for forcing. Colossal spikes from 18 to 24 inches high. .... .40	5.00	
<b>Miles' Spiral.</b> Good for outdoor ..... ( $\frac{1}{4}$ lb., 75c.)	.15	.25
<b>Parson's White.</b> Almost white ..... .15	.35	
<b>Sweet Scented.</b> Large flowering ..... ( $\frac{1}{4}$ lb., 30c.)	.15	.10

## MIMULUS

<b>Moschatus (Musk Plant).</b> Yellow flowers, fragrant foliage ..... .30		
<b>Tigrinus (Monkey Flower).</b> Mixed ..... .30		1.50

## MOONFLOWER See Ipomoea

## MORNING GLORY See Convolvulus

## MUSA

<b>Ensete (Abyssinian Banana).</b> 50c. per 25 seeds; 100 seeds, \$1.25.		
--	--	--

## MYOSOTIS (Forget-Me-Not)

	Trade Pkt.	Oz.
<b>Alpestris Victoria.</b> Bright blue; dwarf ..... \$0.25	\$1.00	
<b>Dissitiflora.</b> Deep blue ..... .40	2.25	
<b>Eliza Fanrobert.</b> Blue; fine for pots ..... .25	1.00	
<b>Grandiflora Alba.</b> White ..... .25	1.00	
" Rosea. Pink ..... .25	1.00	
<b>Palustris.</b> Heavy, robust plants, deep blue ..... .40		
" Semperflorens. Everblooming, blue ..... .40		
<b>Royal Blue.</b> Erect growing; blue ..... .30	1.25	
<b>Ruth Fischer.</b> Flowers of true Forget-Me-Not blue. .... .50		
<b>Choice Mixed</b> ..... .15	.60	

## NEMESIA

<b>Strumosa Suttoni.</b> Annual; flowers large; color, from creamy white to deep orange and carmine. .... \$0.40		\$2.00
--	--	--------

## NICOTIANA (Ornamental Tobacco)

<b>Affinis.</b> Large white fragrant flowers ..... .15	.30	
" Hybrids. Mixed colors ..... .15	.50	
<b>Sanderae.</b> Flowers carmine red ..... .15	.50	
<b>Sylvestris.</b> Pure white, fragrant ..... .15	.30	

## NIEREMBERGIA

<b>Frutescens.</b> White, tinted with lilac ..... .20	.75	
---	-----	--

**NASTURTIUMS****DWARF OR TOM THUMB VARIETIES**

	Oz.	$\frac{1}{4}$ lb.	Lb.
Aurora. Bright orange .....	.15	.40	\$1.25
Beauty. Red and yellow .....	.15	.40	1.25
Bronze. Burnished bronze color .....	.15	.40	1.25
Chameleon. Various colors on same plant....	.15	.40	1.25
Cloth of Gold. Scarlet, yellow foliage .....	.15	.40	1.25
Crystal Palace Gem. Sulphur, spotted maroon .....	.15	.40	1.25
David Burpee Spencer. Leaves wavy and ruffled; flowers deep scarlet .....	.15	.50	1.50
Empress of India. Crimson, dark foliage....	.15	.40	1.25
Geranium Leaved. Scarlet .....	.15	.50	1.50
Golden Queen. Yellow flowers and foliage....	.15	.40	1.25
Golden King. Golden yellow .....	.15	.40	1.25
King of Tom Thumbs. Dark scarlet .....	.15	.40	1.25
King Theodore. Crimson maroon, dark foliage	.15	.40	1.25
Lady Bird. Yellow and red .....	.15	.40	1.25
Pearl. Creamy white .....	.15	.40	1.25
Pink .....	.15	.40	1.25
Prince Henry. Cream, spotted and tipped red .....	.15	.40	1.25
Queen of Tom Thumb Crimson .....	.15	.40	1.25
Scarlet .....	.15	.40	1.25
Spotted. Orange, spotted crimson .....	.15	.40	1.25
Vesuvius. Salmon pink, dark leaved .....	.15	.40	1.25
Yellow .....	.15	.40	1.25
Choice Mixed .....	.15	.35	1.25
Golden Foliage Mixed .....	.15	.40	1.25
Ivy Leaved Mixed .....	.15	.40	1.25
Liliput Mixed. Very dwarf, good for pots....	.15	.40	1.25
Michell's Giant Flowering Mixed .....	.20	.45	1.50
Queen of Tom Thumb Mixed. Silver variegated foliage, very showy .....	.15	.40	1.25

**CLIMBING OR TRAILING VARIETIES**

	Oz.	$\frac{1}{4}$ lb.	Lb.
Chameleon. Various colors on same plant....	.05	.40	\$1.25
Crimson .....	.15	.40	1.25
Hemisphaericum. Orange salmon and scarlet .....	.15	.40	1.25
Jupiter. Yellow, crinkled petals .....	.15	.40	1.25
King Theodore. Crimson maroon, dark foliage	.15	.40	1.25
Orange .....	.15	.40	1.25
Pearl. Creamy white .....	.15	.40	1.25
Pink .....	.15	.40	1.25
Prince Henry. Cream, spotted and tipped red .....	.15	.40	1.25
Scarlet .....	.15	.40	1.25
Vesuvius. Salmon pink, dark leaved .....	.15	.40	1.25
Yellow .....	.15	.40	1.25
Choice Mixed .....	.10	.30	1.00
Hybrids of Madame Gunther, Mixed .....	.15	.30	1.00
Ivy Leaved Mixed .....	.15	.40	1.25
Michell's Giant Flowering Mixed .....	.20	.40	1.25
Queen of Talls, Mixed. Mottled foliage .....	.15	.40	1.25



Michell's Giant Flowering Nasturtiums

**MICHELL'S GIANT PANSIES**

Our strains of this popular flower are procured from the leading Pansy specialists, and cannot be surpassed for size and brilliancy of colors and shades.

**PANSIES IN MIXTURES**

Michell's Giant Exhibition Mixed. A giant strain which we have secured from the leading Pansy specialists. For size of bloom, heavy texture and varied shades and colors, with their distinct markings, this strain cannot be excelled. 30c. per  $\frac{1}{2}$  trade pkt.; trade pkt., 50c.; \$1.25 per  $\frac{1}{8}$  oz.; per  $\frac{1}{4}$  oz., \$2.00; \$7.00 per oz.

Triumph of the Giants Mixed. Produces on long stems flowers of immense size; many beautiful, rich and rare shades. 60c. per  $\frac{1}{2}$  trade pkt.; trade pkt., \$1.00; \$2.25 per  $\frac{1}{4}$  oz.; per oz., \$8.00.

	Trade Pkt.	Oz.
Bugnot, Odier and Cassier. Superb mixture .....	\$0.50	\$4.00
Giant Trimardeau Mixed. Very large flowering.....	.30	1.25
Mad. Perret. Blooms very early; fragrant, especially rich in red shades .....	.50	2.50
Masterpiece ( <i>Frilled Pansy</i> ). Choice colors.....	.50	5.00
Odier or Blotched. A beautiful strain .....	.50	3.00
Parisian Large Stained. Large flowering.....	.50	3.00
Finest English Mixed. Large flowering .....	.25	1.00
Very Fine Mixed .....	.20	.75

**NIGELLA (Love in a Mist)**

	Trade Pkt.	Oz.
Damascena. Double mixed .....	\$0.15	\$0.25
Miss Jekyll. Beautiful clear blue, excellent for cutting .....	.15	.30

**PANSIES—GIANT SORTS IN SEPARATE COLORS**

	Trade Pkt.	Oz.
Giant Prize Azure Blue .....	\$0.40	\$2.75
" " Black Blue .....	.40	2.75
" " Emperor William. Blue .....	.40	2.75
" " Hortensia Red .....	.40	2.75
" " King of the Blacks .....	.40	2.75
" " Lord Beaconsfield. Purple violet .....	.40	2.75
" " Snow Queen. Pure white .....	.40	2.75
" " Striped and Mottled .....	.40	2.75
" " White with Eye .....	.40	2.75
" " Pure Yellow .....	.40	2.75
" " Yellow with Eye .....	.40	2.75

**PANSIES—REGULAR SORTS IN SEPARATE COLORS**

	Trade Pkt.	Oz.
Belgian Striped .....	\$0.25	\$1.75
Emperor William. Ultramarine blue .....	.25	1.75
Faust, or King of the Blacks .....	.25	1.75
Gold Margined. Purple, golden edge .....	.25	1.75
Havana Brown .....	.25	1.75
Lord Beaconsfield. Purple violet .....	.25	1.75
Mahogany Colored .....	.25	1.75
Silver Edged. Purple, silver edge .....	.25	1.75
Snow Queen. Pure white .....	.25	1.75
White with Eye .....	.25	1.75
Yellow Gem. Pure yellow .....	.25	1.75
Yellow with Eye .....	.25	1.75

**PENNISETUM.** See Grasses, page 44

**PENTSTEMON**

	Trade Pkt.	Oz.
Barbatus Torreyi. Perennial, scarlet .....	\$0.25	\$1.00
Sensation. Annual variety; mixed colors .....	.40	2.00
Mixed. Hardy perennial .....	.15	.50

# MICHELL'S PETUNIAS

We call special attention to our Large Flowering strains of Petunias, which for size and brilliancy of coloring cannot be surpassed.

## SINGLE FLOWERING

	$\frac{1}{2}$ Trade Pkt.	Trade Pkt.	Trade Oz.
--	--------------------------	------------	-----------

**California Giants.** Strong, robust plants; immense flowers of bright and desirable colors (1/16 oz., \$2.50) ..... \$0.30 \$0.50

**Grandiflora Fringed.** Each petal of these giant flowers is delicately fringed; all colors (1/16 oz., \$2.00) ..... .30 .50

**Monstrous (Michell's).** Extra large flowers, many of which are finely fringed; all colors mixed ..... .60 1.00

**Ruffled Giants.** Large flowers finely ruffled and frilled at edges ..... .30 .50

**Dwarf Large Flowering Fringed.** Compact plants with large fringed flowers of many colors and shades. Per pkt., 25c.; 65c. per 3 pkts.

**Ideal.** A new dwarf strain of robust growth; immense flowers of varied and exquisite coloring. Pkt., 30c.; 80c. per 3 pkts.

	$\frac{1}{2}$ Trade Pkt.	Trade Pkt.	Trade Oz.
<b>Dwarf Inimitable.</b> Of dwarf, compact habit; flowers striped and blotched.	\$0.30	\$0.50	\$1.50

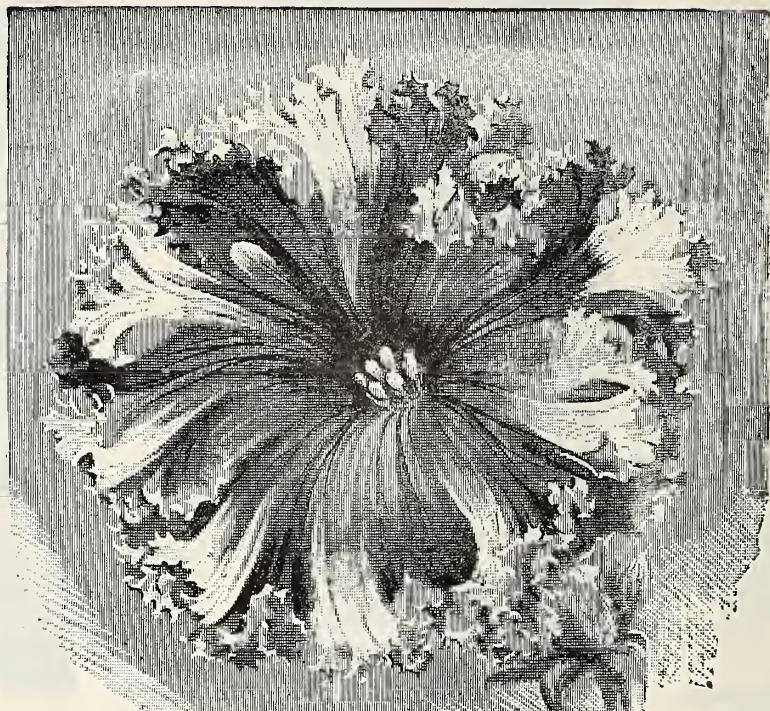
**Enchantress.** Dwarf; flowers of many shades and colors ..... .30 .50 1.25

**Rosy Morn.** Dwarf, bushy plants, with brilliant rose-colored flowers with a white throat ..... .30 .50 2.00

**Snowball.** Dwarf, pure white ..... .30 .50 1.75

**Star.** A beautiful variety; crimson maroon flowers, each having a distinct five pointed white star ..... .30 .50 1.50

	Trade Pkt.	Oz.
<b>Choice Mixed</b> ..... .25	\$0.25	\$1.00
<b>Fine Mixed</b> ..... .15	.60	



Petunia—Grandiflora Fringed

## PETUNIA—DOUBLE FLOWERING

As the seed of the double varieties is obtained by hybridization it will not produce all double flowers, but the singles will be unusually fine. The weaker seedlings should receive great care, as they usually produce the finest double flowers.

**Double Fringed Mixed.** Superb colors and of mammoth size. Per 500 seeds, 75c.; \$1.50 per 1000 seeds.

**Double Fringed White.** Extra large. Per half trade pkt., 60c.; \$1.00 per trade pkt.



Phlox Drummondii, Dwarf

## PHLOX DRUMMONDII

### DWARF OR COMPACT VARIETIES

	$\frac{1}{2}$ Trade Pkt.	Trade Pkt.	Trade Oz.
"Cecily."	Large flowering mixed	\$0.30	\$0.50
Fireball.	Brilliant scarlet	.25	.40
Pink	.....	.25	.40
Snowball.	Pure white	.25	.40
Choicest Mixed	.....	.25	.40
			1.50

### PHLOX—GRANDIFLORA VARIETIES

Alba.	Pure white	.25	1.25
Coccinea.	Scarlet	.25	1.25
Pink	.....	.25	1.25
Stellata Splendens.	Scarlet, with white eye	.25	1.25
Choicest Mixed	.....	.20	.75

### PHLOX—VARIOUS SORTS

Double Mixed	.....	.30	1.75
Fine Mixed	.....	.15	.60
Hardy (Decussata).	Choice mixed	.30	1.75
Star of Quedlinburg.	Mixed	.30	1.50

## PHYSOSTEGIA

Perennial, bearing delicate tubular flowers.

**Virginica.** Pink ..... .20 .75

**Virginica Alba.** White ..... .25 1.00

## PLATYCODON (Chinese Bell Flower)

Grandiflorum, Blue.	Perennial	.25	1.25
Grandiflorum, White.	Perennial	.25	1.25
Japonicus Fl. Pl.	Double blue	.40	2.00

## POLYANTHUS (Primula Elatior)

Gold Laced.	Very showy	.40	
Double Mixed	.....	.50	
English.	Single mixed	.25	1.25

## PORTULACA

	Trade Pkt.	Oz.
--	------------	-----

**Double.** Large flowering, mixed ..... \$0.30 \$1.50

**Single.** Large flowering, mixed ..... .15 .40

**POPPY****DOUBLE ANNUAL VARIETIES**

		Trade Pkt.	Oz.
Carnation Flowered.	Mixed . . . . . (1/4 lb., 50c.)	\$0.15	
Crimson King.	Crimson . . . . .	.15	.25
Fairy Blush.	White, fringed and tipped with rose . . . . .	.15	.25
Mikado (Striped Japanese)	.....	.15	.25
Paeony Flowered, White	.....	.15	.25
" " Yellow	.....	.15	.25
" " Scarlet	.....	.15	.25
" " Mixed . . . . . (1/4 lb., 50c.)		.15	
Shirley.	Mixed colors . . . . .	.15	.25

**POPPY—SINGLE ANNUAL VARIETIES**

Admiral.	Pure white with scarlet edge . . . . .	.15	.25
Danebrog.	Scarlet with white spot . . . . .	.15	.25
King Edward.	Scarlet, shaded black . . . . .	.15	.30
Maid of the Mist.	White, fringed flowers . . . . .	.15	.30
Miss Sherwood.	Cbamois rose . . . . .	.15	.25
Shirley.	Large flowers of many beautiful colors and shades . . . . . (1/4 lb., 75c.)	.15	.25
Tulip.	Glowing scarlet . . . . .	.15	.30
Umbrosom.	Rieb vermillion . . . . .	.15	.25

**POPPY—PERENNIAL VARIETIES**

Giant Scarlet	.....	.15	.40
Iceland ( <i>Nudicaule</i> ).	White . . . . .	.25	1.00
" Yellow	.....	.25	1.00
" Double Mixed	.....	.25	1.25
" Single Mixed	.....	.15	.75
Oriental.	Deep scarlet . . . . .	.15	.50
" Mrs. Perry.	Rich salmon pink . . . . .	.40	1.75
" Beauty of Livermere.	Crimson with black blotch . . . . .	.40	1.75
" Hybrids.	Mixed colors . . . . .	.25	1.00

**PUERARIA** (Kudzu Vine)

Thunbergiana.	Perennial climber; rosy purple pea-shaped flowers . . . . .	\$0.15	\$0.40
---------------	---	--------	--------

**PYRETHRUM****FOLIAGE SORTS FOR BEDDING**

Aureum ( <i>Golden Feather</i> ).	Yellow foliage . . . . .	.15	.40
Selaginoides.	Yellow fern-like foliage . . . . .	.20	.75

**PYRETHRUM—FLOWERING SORTS (Perennial)**

Roseum.	Pink . . . . .	.40	1.75
Uliginosum ( <i>Giant White Daisy</i> )	.....	.40	
Hybridum.	Single mixed . . . . .	.30	1.50
" Double mixed . . . . . (1/8 oz., \$1.50)		.50	

**RHODANTHE** (Everlasting Flower)

Double Pink.	Fine for cutting; annual . . . . .	.40	2.50
Mixed.	Hardy annual . . . . .	.15	.60

**RICINUS** (Castor Oil Bean)

There is always a good demand for these plants.

	Oz.	1/4 lb.	
Borboniensis.	Green foliage; 15 feet . . . . .	\$0.15	\$0.40
Cambodgensis.	Bronzy maroon; 5 feet . . . . .	.15	.40
Gibsoni.	Dark red; 5 feet . . . . .	.15	.40
Sanguineus.	Blood-red stalks; 8 feet . . . . .	.10	.30
Zanzibariensis.	Large; various colors; 12 ft. . . . .	.15	.40
Mixed.	All sorts . . . . . (Lb., \$1.00)	.10	.30

**RUDBECKIA** (Cone Flower)

Tall growing plants, flowering profusely all summer.

	Trade Pkt.	Oz.	
Bicolor Superba.	Yellow flowers, brown centre . . . . .	\$0.15	\$0.40
Newmani.	Hardy perennial, yellow . . . . .	.30	1.50
Purpurea ( <i>Giant Purple Cone Flower</i> ).	Hardy perennial; reddish purple flowers . . . . .	.25	1.00

**SALPIGLOSSIS**

Very showy annuals; excellent for cutting.

Crimson and Gold	.....	.30	1.25
Primrose	.....	.30	1.25
Purple and Gold	.....	.30	1.25
Rose and Gold	.....	.30	1.25
Scarlet and Gold	.....	.30	1.25
White and Gold	.....	.30	1.25
Choice Mixed	.....	.20	.75
Emperor.	Choice mixed, large flowering . . . . .	.25	1.00



Michell's Prize Chinese Primula

**MICHELL'S "DISTINCTIVE" PRIMROSES**  
**PRIMULA CHINENSIS**

It is with no little amount of pride we offer this superb strain, grown for us exclusively by the best specialists in Europe. The plants are compact, individual and clusters of flowers immense, colors superb and mostly fringed petals. Our strain cannot be surpassed.

	1/2 Trade Pkt.	Trade Pkt.	
Alba Magnifica.	White . . . . . (1/32 oz., \$1.50)	\$0.60	\$1.00
Chiswick Red.	Bright red . . . . . (1/32 oz., \$1.75)	.60	1.00
Duchess.	Large, white with zone of rosy carmine; yellow eye . . . . . (1/32 oz., \$1.75)	.60	1.00
Holborn Blue	..... (1/32 oz., \$2.00)	.60	1.00
Kermesina Splendens.	Crimson . . . . . (1/32 oz., \$1.75)	.60	1.00
Pink Pearl ( <i>New</i> ).	Brilliant. Pkt., 40c.		
Rosy Morn.	Pink . . . . . (1/32 oz., \$2.50)	.60	1.00
Sutton's Stellata ( <i>Star Primrose</i> ).	Excellent pot plant; mixed. Original pks., 75c.		
Michell's Prize Mixture.	This mixture contains only the very finest sorts selected from the best strains . . . . . (1/16 oz., \$2.50)	.60	1.00

**PRIMULA OBCONICA GIGANTEA**

A great improvement over the old type; flowers much larger and produced in greater abundance. These are splendid pot plants and stay in bloom the entire winter.

	Trade Pkt.	
Lilacina.	Pale lilac . . . . .	\$0.50
Rosea.	Pink . . . . .	.50
Kermesina.	Deep crimson . . . . .	.50
Alba.	White . . . . . (1/32 oz., \$1.25)	.50
Hybrida Mixed	.....	

**PRIMULA OBCONICA GRANDIFLORA**

	Trade Pkt.	
Grandiflora Compacta.	Dwarf compact growing plants, flowers rosy lilac . . . . .	\$0.50
Grandiflora Fimbriata.	Fringed flowers; mixed colors . . . . .	.50
Vesuvius.	Deep crimson . . . . .	.50
Crispa.	Large flowers which are crisped or curled; color from apple blossom pink to rose . . . . .	.50

**PRIMULA, VARIOUS SORTS**

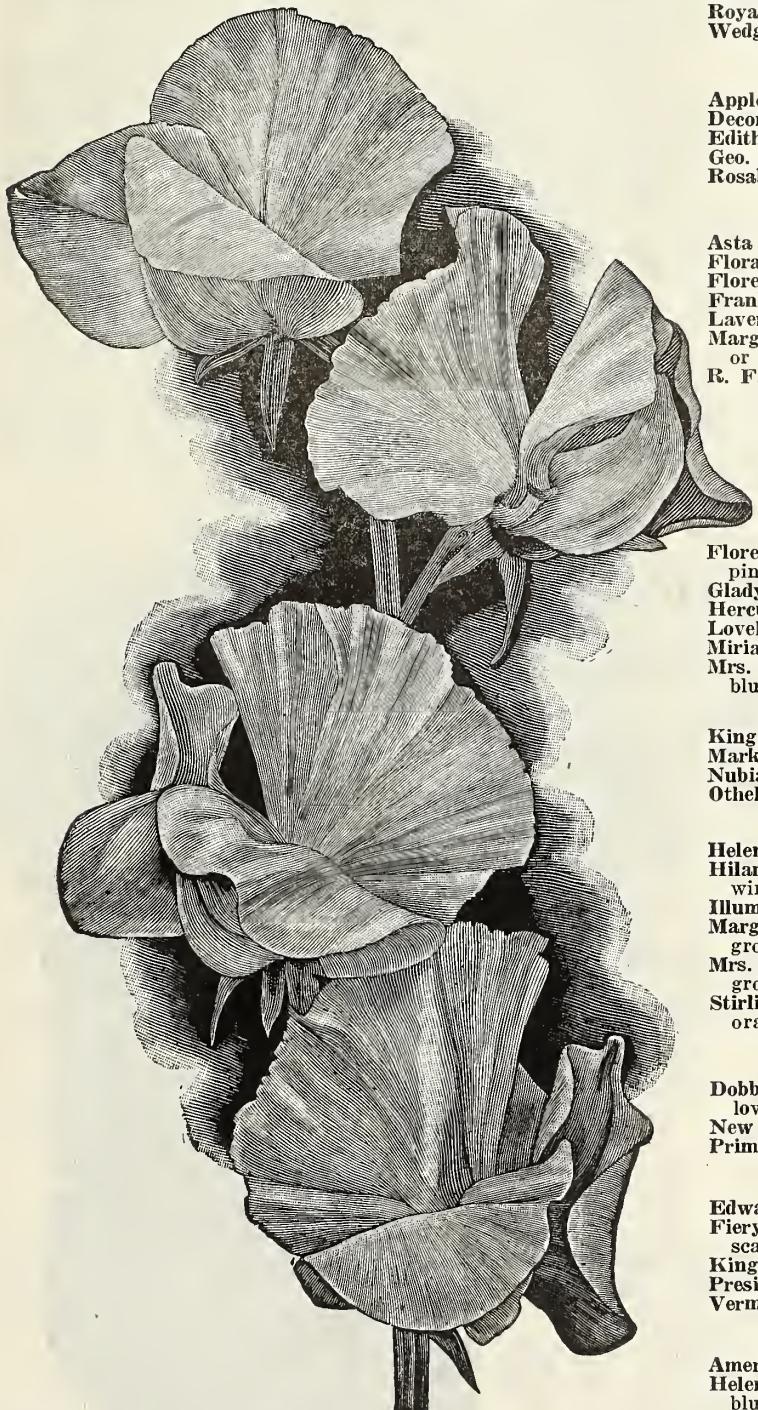
Buttercup.	Yellow . . . . .	\$0.50
Kewensis ( <i>Verbena Scented Yellow Primrose</i> ).	Of strong, vigorous growth, long spikes of large, soft yellow flowers . . . . . (1/16 oz., \$1.50)	.50
Malacoides.	Resembles Primula Forbesi, but the flowers are much larger; if grown in a greenhouse it will bloom in four to five months after sowing; color, light lilac (1/16 oz., \$1.25) . . . . .	.50
Malacoides Alba.	Pure white . . . . . (1/16 oz., \$1.25)	.50
Malacoides Alba Plena ( <i>New</i> ).	Double white flowers. Per ptk., 75c.	
Malacoides Rosea.	Color, light rose to carmine rose . . . . .	.50
Malacoides Superba ( <i>New</i> ).	Large flowers of a deep rosy pink color. Orig. ptk., 20c.; 55c. per 3 pks.	
Veris ( <i>Cowslip</i> ).	Mixed . . . . . (Oz., \$1.25)	.25
Vulgaris ( <i>English Yellow Primrose</i> )	..... (Oz., \$1.50)	.25



# MICHELL'S SPENCER OR ORCHID SWEET PEAS

51

These are distinguished from the grandiflora sorts by the enormous flowers, which are crinkled and wavy, and from the fact that they usually bear four flowers on a stem. The plants are of robust growth and produce their flowers on long stems.



New Spencer Sweet Peas

## SUPERB "SPENCER" MIXTURE

Blended from only the Giant Waved Spencer varieties, including a number of new hybrids of exquisite colors and shades; we are sure this mixture will give absolute satisfaction.

Per oz., 15c.; 50c. per  $\frac{1}{4}$  lb.; per lb., \$1.60.

## BLUE AND PURPLE

	Oz.	$\frac{1}{4}$ lb.	Lb.
Captain of the Blues Spencer. Standard purple, wings blue .....	.20	.60	\$2.25
Lord Nelson Spencer. Navy blue .....	.20	.60	2.25
Royal Purple. Rich purple .....	.25	.75	2.50
Wedgewood. A lovely self blue .....	.25	.75	2.50

## DEEP PINK OR ROSE

Apple Blossom Spencer. Rose and pink....	.20	.60	2.25
Decorator. Rose suffused cerise and orange....	.20	.60	2.25
Edith Taylor. Bright salmon rose .....	.20	.60	2.25
Geo. Herbert. Rose carmine .....	.20	.60	2.25
Rosabelle. Giant rose .....	.20	.60	2.25

## LAVENDER

Asta Ohn Spencer. Rich lavender .....	.20	.60	2.25
Flora Norton Spencer. Light lavender.....	.20	.60	2.25
Florence Nightingale. Large; lavender.....	.25	.75	2.50
Frank Dolby. Light lavender .....	.15	.40	1.25
Lavender George Herbert. Bluish lavender..	.20	.60	2.25
Margaret Madison Improved. Light lavender or azure blue .....	.30	1.00	3.00
R. F. Felton. A fine lavender.....	.30	1.00	3.00

## LIGHT PINK

Blanche Ferry Spencer. Pink and white .....	.20	.60	2.25
Countess Spencer. Clear pink, shading deeper at the edge .....	.20	.60	2.25
Elfrida Pearson. Light pink, margined with darker pink .....	.25	.75	2.50
Florence Morse Spencer. Delicate blush with pink margin .....	.20	.60	2.25
Gladys Unwin. Delicate pink .....	.15	.40	1.25
Hercules. Giant pure pink .....	.25	.75	2.50
Lovely Spencer. Deep pink, shading to blush .....	.25	.75	2.50
Miriam Beaver. Large; apricot and buff..	.30	1.00	3.00
Mrs. Cuthbertson. Standard rose pink, wings blushed white .....	.20	.60	2.25

## MAROON

King Manoel. Rich maroon .....	.25	.75	2.50
Marks Tey. Purplish maroon .....	.25	.75	2.50
Nubian. Maroon or deep chocolate self.....	.25	.75	2.50
Othello Spencer. Deep maroon .....	.20	.60	2.25

## ORANGE AND SALMON

Helen Lewis. Orange pink .....	.20	.60	2.25
Hilary Christie. Standard salmon orange; wings rosy salmon .....	.30	1.00	3.25
Illuminator. Rich salmon pink .....	.25	.75	2.50
Margaret Atlee. Light salmon pink on cream ground .....	.20	.60	2.25
Mrs. Hugh Dickson. Salmon pink on cream ground .....	.20	.60	2.25
Stirling Stent. Deep salmon suffused with orange .....	.20	.60	2.25

## PRIMROSE OR LIGHT YELLOW

Dobbies Cream. Deep cream, or primrose yellow .....	.20	.60	2.25
New Buttercup. Deep cream .....	.50	1.50	
Primrose Spencer. Light yellow .....	.20	.60	2.25

## SCARLET

Edward Cowdy. Orange scarlet .....	.30	1.00	3.00
Fiery Cross. Large flowers; intense orange scarlet .....	.40	1.25	
King Edward Spencer. Crimson scarlet.....	.20	.60	2.25
President. Glowing scarlet self .....	.50	1.50	
Vermilion Brilliant. Intense scarlet .....	.20	.60	2.25

## STRIPED AND FLAKED

America Spencer. Red flakes on white ground .....	.20	.60	2.25
Helen Pierce Spencer. White mottled light blue .....	.30	1.00	3.00
Scintillator. Striped and flaked orange rose on a cream ground .....	.50	1.50	5.00

## WHITE

Constance Hinton. Large white; black seeded .....	.30	1.00	3.00
King White. Gigantic pure white flowers....	.25	.75	2.50
Nora Unwin. Large, pure white .....	.10	.30	1.00
White Spencer. Pure white .....	.20	.60	2.00

For Winter Flowering Spencer or Orchid Sweet Peas, see page 52

# MICHELL'S WINTER FLOWERING SWEET PEAS

## EARLY FLOWERING LONG SEASON SPENCER SWEET PEAS

One of the chief characteristics of these varieties is their long-season period of blooming, frequently remaining in bloom for four months. The flowers are of large size, of the best Spencer form; borne in threes and fours on long stems.

**Early Hercules.** Flowers extra large, of good Oz.  $\frac{1}{4}$  lb. Lb. substance and beautifully waved; color, soft rose pink ..... \$1.25 \$3.50 \$12.00

**Early Liberty.** Deep sunproof crimson. Flowers large and well waved ..... 1.25 3.50 12.00

**Early Meadow Lark.** Rich cream variety; many of the flowers are duplexed and are well waved ..... 1.25 3.50 12.00

**Early Melody.** Color, rose pink on white ground; mostly four large, well-waved blossoms on each stem ..... .75 2.50 8.00

**Early Song Bird.** A magnificent pale pink variety for the florist ..... .75 2.50 8.00

**Early Spring Maid.** Color, light pink on a cream ground; usually four blooms on a stem ..... .75 2.50 8.00

**Early Sunset.** Flowers large and nicely waved; color, rich mauve pink on white ground ..... 1.25 3.50 12.00

**Early Warbler.** Flowers extra large and beautiful in form; color, rich mauve purple ..... 1.25 3.50 12.00

## WINTER FLOWERING SPENCER OR ORCHID SWEET PEAS

	Oz.	$\frac{1}{4}$ lb.	Lb.
<b>Asta Ohn.</b> A fine lavender .....	\$1.25	\$3.50	\$12.00
<b>Helen Lewis.</b> A beautiful orange pink.....	1.25	3.50	12.00
<b>Lavender Nora.</b> A large flowering variety of the Unwin type; of a pleasing lavender shade .....	.25	.75	2.50
<b>Lavender Pink Orchid.</b> Flowers very large..	.75	2.50	8.00
<b>Mrs. A. A. Skaach.</b> Flowers very large; color, a beautiful clear bright pink.....	.75	2.50	8.00
<b>Mrs. M. Spanolin.</b> Black seeded; pure white; free bloomer .....	.75	2.50	8.00
<b>Mrs. William Sim Orchid.</b> Salmon pink.....	.75	2.50	8.00
<b>Pink and White Orchid.</b> Similar in color to Christmas Pink, but produces larger flowers on longer stems .....	.75	2.50	8.00
<b>Red Orchid.</b> Bright, cherry red.....	.75	2.50	8.00
<b>Rose Queen.</b> The flowers are borne on long stems, are of large size and free bloomers; usually four flowers are produced on a stem; color, a most attractive shade of pink. Greenhouse grown seed .....	3.00	10.00	35.00
Outdoor grown seed .....	1.25	3.50	12.00
<b>Venus.</b> Standard white, slightly blushed pink, wings white; free bloomer .....	.75	2.50	8.00
<b>Wedgewood.</b> A magnificent clear blue.....	1.25	3.50	12.00
<b>White Orchid.</b> Pure white; one of the best. <b>Yarrawa.</b> Flowers exquisitely waved, of large size, many of them being duplex or double. Color, a pleasing shade of bright rose pink with lighter wings .....	.75	2.50	8.00
<b>Mixed Winter Flowering Spencer.</b> All colors	.50	1.75	6.00

## MICHELL'S "DISTINCTIVE" STOCKS

Stocks are invaluable and are one of the most profitable flowers to raise, provided you sow the right strains. For years we have made a specialty of supplying "distinctive" strains which are easily distinguished by their superior quality, strong germination, and a remarkable small percentage of single flowers.

### MICHELL'S FLOWER MARKET STOCK

A branching stock of remarkable vigor of growth and size of bloom; produces its flowers evenly distributed over the stem and very early. A single plant will produce from 10 to 15 separate flower branches equally perfect. The type is of Cut-and-Come-Again, but much superior to what is usually known by that name.

	$\frac{1}{2}$ Trade Trade	Pkt.	Pkt.	$\frac{1}{4}$ oz.		$\frac{1}{2}$ Trade Trade	Pkt.	Pkt.	$\frac{1}{4}$ oz.
Blood Red .....	\$0.30	\$0.50	\$1.50		Rose Pink .....	\$0.30	\$0.50	\$1.50	
Dark Blue .....	.30	.50	1.50		White .....	.30	.50	1.50	
Flesh Pink .....	.30	.50	1.50		Mixed Colors .....	.30	.50	1.50	
Light Blue .....	.30	.50	1.50						

### MICHELL'S EARLY FLOWERING "NICE" STOCK

A branching stock literally covered with blooms which appear earlier than in any other strain. The colors are very distinct, so much so that they are not reproduced in any other strain. The seed we offer comes direct from the originator.

	$\frac{1}{2}$ Trade Trade	Pkt.	Pkt.	Oz.
Abundance. Dwarf, spreading habit; color, carmine-rose.....	\$0.30	\$0.50	\$2.50	
Beauty of Nice. Charming delicate pink .....	.30	.50	2.50	
Crimson King. Deep red .....	.30	.50	2.50	
La Brilliante. Double, large flowers; rich brilliant crimson.....	.30	.50	2.50	
Midsummer Night. Deep, dark violet; large and double.....	.30	.50	2.50	
Mme. Rivoire. Large double, pure white flowers .....	.30	.50	2.50	
Queen Alexandra. Delicate lavender .....	.30	.50	2.50	
Victoria. Pure white .....	.30	.50	2.50	
Choice Mixed. All colors .....	.30	.50	2.25	

### LARGE FLOWERING DWARF TEN WEEK STOCKS

For bedding there is nothing more effective; dwarf compact plants with fine spikes of double flowers.

	$\frac{1}{2}$ Trade Trade	Pkt.	Pkt.	Oz.
Blood Red .....	\$0.25	\$0.40	\$2.25	
Light Blue .....	.25	.40	2.25	
Pink .....	.25	.40	2.25	
Purple Violet .....	.25	.40	2.25	
White .....				\$0.25
Yellow .....				.25
Mixed .....				2.00

### STOCKS—Various Sorts

	$\frac{1}{2}$ Trade Trade	Pkt.	Pkt.	Oz.
Bismarck. A pyramidal variety with immense pure white flowers .....	\$0.30	\$0.50		
Brompton, or Winter. Mixed .....	.30	.50	\$3.00	
Column Blood Red .....	.30	.50		
" White .....	.30	.50		
Princess Alice ( <i>Cut-and-Come-Again</i> ). Of branching habit; pure white; excellent for cutting .....	.30	.50	2.75	
Virginian. Mixed .....			.15	.25
Wallflower Leaved. Choice mixed .....	.30	.50		



*Michell's "Nice" Stock*

<b>SWEET ROCKET</b> ( <i>Hesperis</i> )	Trade Pkt.	Oz.
Mixed. Perennial; purple and white	\$0.15	\$0.30

<b>SWEET SULTAN</b> ( <i>Centaurea Moschatus</i> )	Trade Pkt.	Oz.
Mixed. Fragrant	.15	.50

<b>SWEET WILLIAM</b> ( <i>Dianthus Barbatus</i> )	Trade Pkt.	Oz.
Auricula Flowered. Single mixed	\$0.15	\$0.50
Single Crimson	.15	.40
Single Pink Beauty. Large flowers; salmon pink	.30	1.00
Single Scarlet Beauty. Intense, rich deep scarlet	.30	1.25
Single Velvet Maroon	.15	.50
Single White	.15	.50
Single Mixed. All colors	1/4 lb., 75c.	.15
Double Mixed. All colors	.15	.60

**TAGETES**

Golden Ring. Single, brown and yellow	.15	.60
---------------------------------------	-----	-----

**THUNBERGIA** (Black-Eyed Susan)

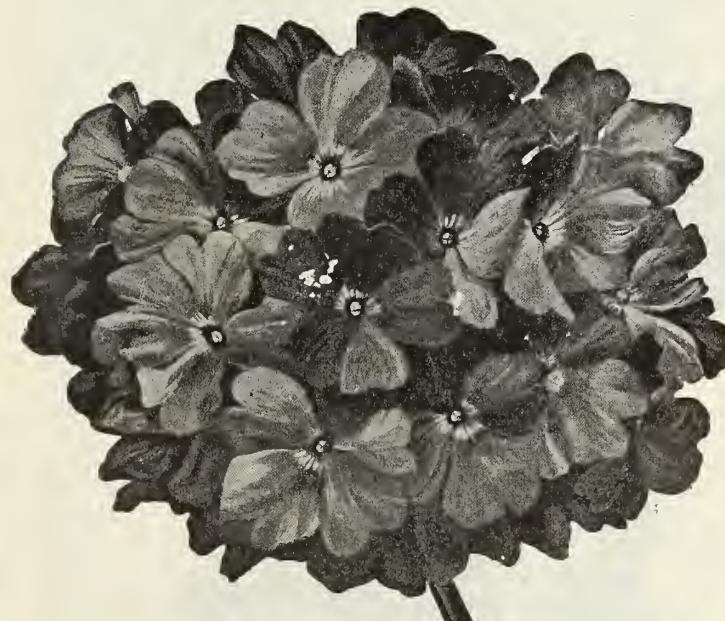
Mixed	.15	.60
-------	-----	-----

**TORENIA**

Fournieri Grandiflora. Blue	.40	2.50
-----------------------------	-----	------

**VALERIANA** (Garden Heliotrope)

Mixed. Hardy perennial border plant with large fragrant flowers	.15	.50
---	-----	-----



Michell's Mammoth Fancy Verbena

**MICHELL'S VERBENAS**

Our Mammoth Fancy Strain of this popular bedding plant cannot be excelled for its free flowering qualities, large size and purity of colors.

Trade Pkt.		Oz.
Michell's Mammoth Fancy Blue	\$0.30	\$1.25
" " " Pink	.30	1.25
" " " Scarlet	.30	1.25
" " " Striped	.30	1.25
" " " White	.30	1.25
" " " Mixed	.30	1.00

New Giant Flowered Mixed. A new variety of large size with extra large, white eyes .50 2.25

Helen Willmott. Flowers large, salmon rose with white eye .50 2.50

Mammoth Choice Mixed .25 .75

Fine Mixed .20 .60

Lemon Scented (*Aloysia Citriodora*) .40 2.00

**VERONICA** (Speedwell)

A showy, hardy perennial border plant of easy culture; fine for bouquets.

Trade Pkt.		Oz.
Spicata. Blue	\$0.25	\$1.25

**VINCA**

An excellent bedding plant; seed should be sown early.

Trade Pkt.		Oz.
Alba. White, with rose centre	\$0.15	\$0.60
Alba Pura. Pure white	.15	.60
Rosea. Pink	.15	.60
Mixed	.15	.50

**VIOLA CORNUTA** (Tufted Pansies)

Admiration. Dark blue	.40	2.25
Mauve Queen. Lovely mauve color	.40	2.25
Perfection. Light blue	.40	2.25
White Perfection. Pure white	.40	2.25
Mixed. All colors	.30	1.50

**VIOLA** (Scotch Bedding Pansies)

Very free flowering; produce larger flowers than the Cornuta varieties.

Trade Pkt.		Oz.
Golden Gem. Yellow	\$0.40	\$2.25
Lutea Splendens. Yellow	.30	1.50
Snowflake. Pure white	.40	2.25
Mixed. From best-named Scotch varieties	.50	

**VIOLET** (Viola Odorata)

Single Blue Czar	.30	1.50
Single Mixed	.30	1.50

**WALL FLOWER**

Double Brown	(1/4 oz., \$1.25)	.40
" Yellow	(1/4 oz., \$1.25)	.40
" Mixed	.40	1.75
Paris Extra Early. Single flowering; blooms the first year from seed; excellent for forcing.		
Paris Extra Early Blood Red	.15	.50
" " Yellow	.15	.50
" " Mixed	.15	.40
Single Mixed	.15	.25

**XERANTHEMUM** (Everlasting Flower)

Double Mixed. Annual, for winter bouquets	.15	.50
---	-----	-----

**MICHELL'S "DISTINCTIVE" ZINNIAS**

We claim perfection in form, size and color for our strain of Zinnias, as those who grow them will attest.

Trade Pkt.		Oz.
Dwarf Double Crimson	\$0.15	\$0.50
" " Pink	.15	.50
" " Salmon Rose	.15	.50
" " White	.15	.50
" " Scarlet	.15	.50
" " Yellow	.15	.50
" " Mixed	.15	.35
Tall Double Crimson	.15	.40
" " Orange	.15	.40
" " Pink	.15	.40
" " Scarlet	.15	.40
" " White	.15	.40
" " Yellow	.15	.40
" " Mixed	.15	.30

**ROBUSTA OR GIANT ZINNIAS**

Flowers of immense size and perfectly double.		
Crimson	.30	1.00
Flesh Color	.30	1.00
Golden Yellow	.30	1.00
Purple	.30	1.00
Scarlet	.30	1.00
Sulphur Yellow	.30	1.00
Violet	.30	1.00
White	.30	1.00
Choicest Mixed	.20	.75

**VARIOUS ZINNIAS**

Curled and Crested. Double mixed	.15	.40
Giant Picotee (New). A very attractive variety; large double flowers; mixed color. (1/2 oz., \$1.00)	.50	
Red Riding Hood. Miniature flowers, perfectly double; color, bright scarlet	.20	.75
Zebra, or Striped. Double	.15	.50

**MIXED OR WILD FLOWER GARDEN SEEDS**

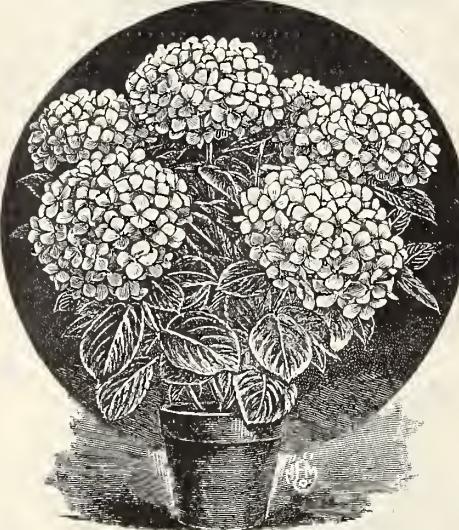
A mixture containing nearly 100 varieties of easy growing and interesting flowers. Lb., \$1.00; 10c. per oz.

# MICHELL'S RELIABLE PLANTS

## ANNOUNCEMENT.

Many of our customers will in all probability notice the omission from this catalog of the usual offerings in perennial plants, roses, etc. Our program for 1919 spring season had been made weeks in advance of the peace period, having been planned on a war-time basis. It was, of course, too late for us to increase our stocks of the various kinds and in fact it would have been impossible in many varieties to import same from Europe, so that we are reluctantly obliged to pursue the course as outlined. The high cost of labor also helped us to decide as we did, as the wages commanded were so high that we felt we could not come out whole unless we passed the cost on to the buyer, which would in our opinion have made the prices of many items out of reason. We are hoping that by next year we will have resumed our position again in the field of Hardy Plant producers.

P. S.—We have a splendid stock of perennials and will be pleased to quote prices on request.



*Hydrangea, Bouquet Rose*

## GERANIUMS

We are not competing with every price at which these are offered, but are endeavoring to produce a good grade at a fair price, which is the lowest we can make.  
All 2½ inch stock.

**PLEASE NOTE.**—We can book for delivery in February and March, earlier propagation being sold up.

### HELEN MICHELL

"Still the best bloomer; richest color."  
It grows compact medium dwarf, with lustrous green foliage and throws up gigantic flower-heads very freely. We claim it to have the largest flower-heads of any of the Bedding Geraniums. The individual blooms frequently measure 2½ inches across. It is a common occurrence that a single 4-inch pot plant shows four fully open gigantic flower-heads, several half open and more in bud. For earliness and constancy of bloom it surpasses all other Geraniums. We further claim that "Helen Michell" is the best Commercial Scarlet Geranium in existence. From 2½-inch pots. Stock exhausted for this season.

### STANDARD VARIETIES

Alphonse Ricard.	Semi-double scar-
Ricard.	let . . . . .
Beaute Poitevine.	Semi-double sal-
mon . . . . .	mon . . . . .
La Favorite.	Double white . . . . .
Mrs. E. G. Hill.	Single pink . . . . .
S. A. Nutt.	Double red . . . . .

Stock exhausted  
for this season.



*Geranium Helen Michell*

### PLEASE NOTE—SHIPMENTS OF PERISHABLE GOODS can only be made at your risk.

When forwarded by Adams, Wells-Fargo, American or other railway express lines, and freight.

For twenty-eight years it has been our custom to guarantee the arrival in good order of perishable plants, roots, and cold storage bulbs. This custom for the present period we regretfully are obliged to change. While we will continue to supply and carefully pack such merchandise, we do not wish to hold ourselves responsible for the delays and negligence of transportation companies.

If shipments arrive in bad condition, accept them and receipt for them accordingly, and make claim for your loss on the transportation company. We, of course, hold ourselves ready to assist you in any possible way.. It has been found that claims can be collected more readily by the person receiving the goods than by the shipper.

Our custom to guarantee the actual arrival of goods, except at points where there is no freight or express agent, will still be continued, and claims for loss or non-arrival of merchandise not perishable will as in the past be cared for by us, so you run no risk of having to make claims for lost goods.



Paeony *Candidissima*

### MICHELL'S HARDY PHLOX

Strong 1-year-old field-grown plants.

Hardy Phlox blooms are a splendid addition to the cut flower market. They can be used in many ways.

	Doz. 100
Africa. Royal purple suffused crimson.....	\$1.50 \$10.00
Asia. Rich mauve .....	1.50 10.00
Baron von Dedem. Deep pink, suffused orange....	1.00 6.50
Crepuscule. Deep crimson centre, lilac rose, edged white .....	1.50 10.00
Elizabeth Campbell. Delicate pink, white eye.....	1.50 10.00
Europa. Blush white, pink centre .....	1.00 6.50
Goliath. Bright cerise, deep eye .....	1.00 6.50
Iris. Deep reddish violet .....	1.50 10.00
Miss Lingard. Pure white .....	1.50 10.00
Mrs. Jenkins. Pure white .....	1.00 6.50
Rosamundi. Soft rose .....	1.50 6.50
W. C. Egan. Pale lilac, solferino eye .....	1.00 6.50

We can also furnish many other varieties of hardy Phlox. List on application.

### MISCELLANEOUS HARDY PHLOX

Divaricata Canadensis. Lavender .....	1.00 7.00
Subulata Rosea. Pink .....	1.00 6.50
" Alba. White .....	1.00 6.50
" Lilacina. Lilac .....	1.00 6.50

### MICHELL'S CHOICE PAEONIES

	Doz. 100
Agnes Mary Kelway. White tinted rose. Early.....	\$2.50 \$17.50
Alba Plena. Purest white; mid-season.....	2.00 14.00
Anemoneflora Rubra. Crimson. Mid-season.....	2.25 16.00
Beaute Francaise. Lilac-rose, with a cream-white collar; centre spotted carmine. Mid-season.....	2.50 17.50
Candidissima. Creamy, sulphur-yellow centre. Early	2.50 17.50
Carnea Elegans. Clear flesh color; mid-season....	2.50 17.50
Charlemagne. Lilac-white; pink centre. Late.....	2.00 14.50
Delicatissima. Pale lilac rose. Mid-season.....	2.50 17.50

### MICHELL'S CHOICE PAEONIES—Continued

	Doz. 100
Dr. Bretonneau. Lilac-rose, with cream-white centre, flecked crimson. Mid-season .....	\$2.50 \$17.50
Duc de Cazes. Bright pink, silvery reflex. Early..	2.00 15.00
Duchesse de Nemours. Pure white, very early....	2.00 12.50
Due de Wellington. Sulphur-white; late .....	2.00 15.00
Edulis Superba. Bright mauve pink; early.....	3.00 22.00
Eugene Verdier. Soft pink; late .....	4.50 35.00
Felix Crousse. Bright-red; mid-season.....	3.75 30.00
Festiva Maxima. Beautifully shaped flower, often 7 to 8 in. in diam. Pure white, splashed red; early	2.50 17.50
General MacMahon. Deep violet; midseason.....	3.50 27.50
Lady Bramwell. Silvery rose. Mid-season.....	2.25 16.00
La Rosiere. Yellowish white. Mid-season.....	2.50 17.50
L'Eeplatante. Brilliant red. Mid-season.....	2.50 17.50
L'Indispensable. Perfectly shaped; a delicate cream color shaded pink in centre. Mid-season.....	2.75 20.00
Louis van Houtte. Crimson maroon; late.....	2.25 16.00
Marie Lemoine. Delicate white rose; late.....	2.50 17.50
Mons. Krelage. Dark pink; late.....	2.75 20.00
Mme. Leonie Calot. Rosy white. Mid-season.....	2.75 20.00
Mons. Jules Elie. Lilac-rose. Mid-season.....	3.50 25.00
Queen Victoria. White, creamy centre. Mid-season	2.00 14.00
Victor Hugo. Brilliant carmine red; late.....	4.50 35.00
Zoe Calot. White suffused rose. Mid-season.....	2.50 17.50

### PAEONIES TO COLOR

Made of named sorts and of splendid value.

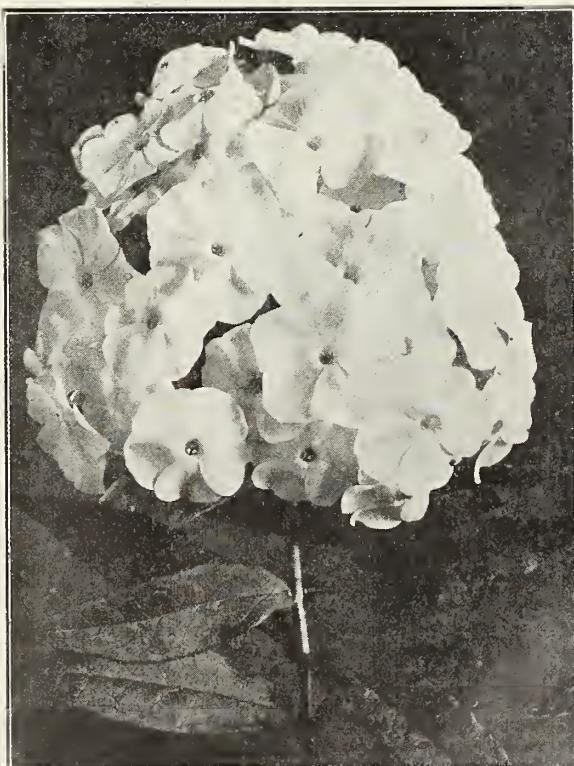
	Doz. 100
Double Pink .....	\$1.50 \$10.00
" Red .....	1.50 10.00
" White .....	1.50 10.00

### PAEONY OFFICINALIS

#### (THE OLD-FASHIONED PAEONY)

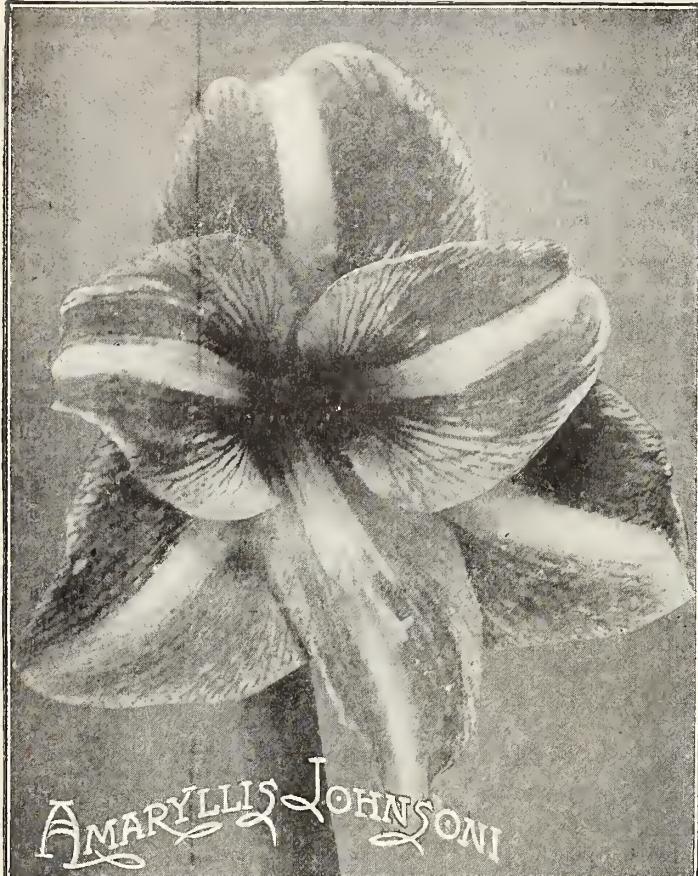
Flowering in May.

	Doz. 100
Alba ( <i>Mutabilis</i> ). Double white .....	\$1.75 \$12.50
Rosea. Double pink .....	1.75 12.50
Rubra. Double red .....	1.75 12.50



Phlox *Elizabeth Campbell*

# Michell's Summer Flowering Bulbs, Etc., for Florists



*Amaryllis Johnsoni*

## AMARYLLIS BULBS

	Doz.	100
Belladonna. Pink, Giant Bulbs, 30c. each.....	\$3.00	\$20.00
Hybrids of Vittata. Choice mixture, 40c. each....	4.00	30.00
Johnsoni. Red and white, large bulbs; 7/9-inch bulbs, 25c. ....	2.50	17.50
Johnsoni. Red and white, large bulbs; 9/11-inch bulbs, 40c. each .....	4.00	27.50
Formosissima (Jacobean Lily). Red. Large bulbs..	1.00	6.00
Treatea Alba (Zephyranthes). (Extra large bulbs.)	.40	3.00
" Rosea " (Extra large bulbs.).	.75	5.00

## CALLAS



*Calla Elliottiana*

Spotted Foliage. White flower .....

Elliottiana (*Yellow Calla*). This beautiful novelty should be extensively planted. The contrast of the golden yellow flowers placed among other blooms and foliage is truly remarkable, making a beautiful sight. The spotted foliage shows the flower off, when using it as a pot plant, to a great effect. In a short time this new variety will be wonderfully popular on account of its beauty and of its low price. Doz. \$2.25; \$15.00 per 100; per 1000, \$130.00. Doz. 100 \$0.90 \$6.25

## IMPORTANT NOTICE

SHIPMENTS OF PERISHABLE GOODS can only be made at your risk.

When forwarded by Adams, Wells-Fargo, American or other railway express lines, and freight.

For twenty-eight years it has been our custom to guarantee the arrival in good order of perishable plants, roots, and cold storage bulbs. This custom for the present period we regrettably are obliged to change. While we will continue to supply and carefully pack such merchandise, we do not wish to hold ourselves responsible for the delays and negligence of transportation companies.

If shipments arrive in bad condition, accept them and receipt for them accordingly, and make claim for your loss on the transportation company. We, of course, will hold ourselves ready to assist you in any possible way. It has been found that claims can be collected more readily by the person receiving the goods than by the shipper.

Our custom to guarantee the *actual arrival* of goods, except at points where there is no freight or express agent, will still be continued, and claims for loss or *non-arrival* of merchandise *not perishable* will as in the past be cared for by us, so you run no risk of having to make claims for lost goods.



MICHELL

## Tuberous Rooted Begonia, Frilled or Crispa Type

### BEGONIA BULBS—(Tuberous Rooted)

Stock is expected to arrive in February.

Very choicest giant flowering type. Extra large bulbs. The past year we made some extensive trials of strains of tuberous rooted Begonias and are convinced that ours cannot be surpassed.

#### SINGLE

Orange, Scarlet, Pink, White, Yellow. Each color separate .....

#### Mixed .....

Crimson, Scarlet, Pink, White, Yellow. Each color separate .....

#### Mixed .....

Prices upon application.

## Testimonial

### "HOW'S THIS FOR A GOOD WORD"

I received the bulbs in fine condition and the way you people dish out quick service certainly has "my goat." In my opinion it is the best advertising medium you can employ.

JOS. T. ZIKA,  
Florist.

# MICHELL'S (Home Grown) Thrifty CANNA ROOTS

57

Our Roots are extra strong, with plenty of eyes, are clean and absolutely true to name. When ordering please state if immediate shipment is desired; also if we shall send via express or freight. The heights quoted on Cannas are as they grow in our nursery. These may vary with soil and climatic changes.

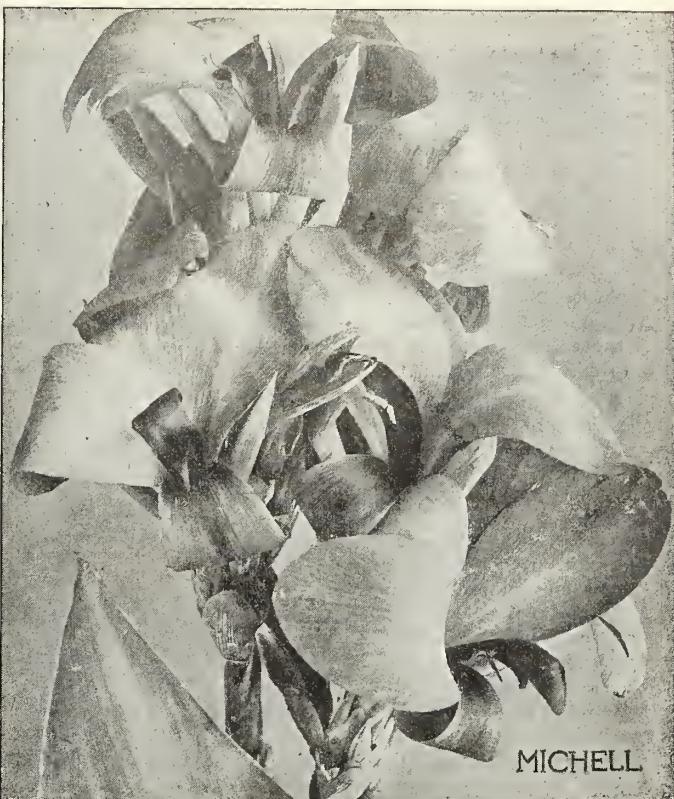
## SPECIAL NOTICE

**MICHELL'S CANNAS** were awarded a Silver Medal by the Judges of Horticultural Displays at the Panama-Pacific Exposition, San Francisco, in 1915.

	Doz.	100	1000
<b>Alphonse Bouvier.</b> Deep crimson, green foliage, 4 feet .....	.60	\$3.25	\$30.00
<b>Austria.</b> Deep golden yellow, 6 feet.....	.60	3.25	27.50
<b>Chas. Henderson.</b> Crimson, green foliage..	.60	3.25	30.00
<b>Dr. E. Ackernknecht.</b> Carmine suffused deep red, handsome dark foliage, 4 feet.....	.60	3.25	27.50
<b>Egandise.</b> Bright cherry red, bronze foliage .60	3.25	30.00	
<b>Elizabeth Hoss.</b> Superb yellow, spotted vivid red, green foliage, 4 ft. high.....	.85	5.00	45.00
<b>Express.</b> Dwarf, crimson, 2½ feet, green foliage .....	.65	3.50	32.50
<b>Firebird.</b> Brilliant scarlet, green foliage, 3½ ft.; one of the best of the newer sorts	1.25	8.00	75.00
<b>Florence Vaughan.</b> Yellow, spotted red, 4 ft. .60	3.25	30.00	



Canna "Anetria"



Canna, Mrs. Alfred F. Conrad

	Doz.	100	1000
<b>Gen'l Merkel.</b> Scarlet, with orange edge, splashed golden yellow, 4 feet, green foliage .....	.60	\$3.25	\$27.50
<b>Gustave Gumpfer.</b> Rich yellow, 4 feet....	.65	3.25	30.00
<b>Harry Laing.</b> Rich glowing scarlet suffused orange, green foliage, 5 feet .....	1.00	6.00	50.00
<b>Hungaria.</b> Soft Salmon rose, 3 feet.....	.85	5.00	40.00
<b>Italia.</b> Scarlet, broadly edged yellow, 6 feet	.65	3.25	27.50
<b>Kate F. Deemer.</b> Rich yellow shading to turkey red, green foliage, 4 feet .....	.75	4.00	35.00
<b>King Humbert.</b> Bronze foliage, orange red, 4 feet .....	.85	5.00	42.50
<b>Koros.</b> Light orange scarlet, streaked carmine, 4 ft.; green foliage .....	.60	3.00	27.50
<b>Louis Reverchon.</b> Cochineal red, with dark foliage, 4 to 5 feet .....	.85	5.00	40.00
<b>Maros.</b> Creamy white, green foliage....	.75	4.00	30.00
<b>Meteor.</b> Bright red, compact grower, 4½ feet, green foliage .....	1.00	6.00	50.00
<b>Mme. Crozy.</b> Scarlet, bordered golden....	.60	3.00	27.50
<b>Mrs. Alfred F. Conard.</b> Soft salmon pink..	1.25	7.50	60.00
<b>Panama.</b> Red edged yellow, green foliage, 4 ft.; wonderfully free bloomer .....	.75	4.00	32.50
<b>Queen Charlotte.</b> Crimson, with wide gold border, 3 feet .....	.60	3.00	27.50
<b>Richard Wallace.</b> Light yellow, 4 feet....	.60	3.00	27.50
<b>Rosea Gigantea.</b> Rich rose pink.....	1.00	6.00	50.00
<b>Sec. Chabanne.</b> Salmon pink, green foliage, 3 feet .....	.65	3.25	30.00
<b>West Virginia.</b> Rich crimson scarlet, with a yellow border, green foliage, 3½ feet..	.65	3.25	30.00
<b>Wyoming.</b> Orange red, bronze foliage....	.65	3.00	27.50
<b>Yellow King Humbert.</b> Golden yellow dotted red, green foliage, 4 feet.....	1.25	8.00	75.00

## MIXTURES OF CANNAS

Dwarf French Mixed .....	.50	3.00	25.00
--------------------------	-----	------	-------

6 roots of a variety at dozen rate; 25 at 100 rate; 250 at 1000 rate

(hb)

# Michell's Superb Dahlias for Florists

Best cut-flower sorts

**Order Dahlia Roots Early.** Each season some customers are disappointed by not being able to get roots. This is often caused by waiting too long before placing their orders. Orders received for Dahlia roots of a variety, which stock is exhausted, will be filled in strong, thrifty plants about May 1st, unless advised to the contrary. Dahlia plants give splendid satisfaction, are preferred by many people, and are furnished at same price.

Varieties listed in our Retail Catalog and not quoted in this catalog, will be supplied at the price in the Retail Catalog less 20 per cent.

	Doz.	100
Arabella (Show). Soft primrose yellow .....	\$1.50	\$10.00
Aristed Gurtler (Cactus). Orange suffused scarlet..	1.50	10.00
Autumn Glow (Decorative). Primrose-yellow, shaded bronze .....	1.50	10.00
Ayesha (Decorative). Sulphur yellow .....	3.00	20.00
Bertha von Suttner (Paeony). Ivory white, suffused pink .....	2.50	17.50
Bessie Clark (Double Century). Mauve pink, suffused yellow .....	1.50	10.00
Capstan (Cactus). Yellow, shaded orange red....	1.50	10.00
Catherine Duer (Decorative). Crimson scarlet.....	1.50	10.00
Catherine (Pompon). Primrose-yellow .....	1.50	10.00
Clarissa (Pompon). Primrose yellow .....	2.00	15.00
Countess of Lonsdale (Cactus). Rich salmon pink	1.50	10.00
Country Girl (Cactus). Golden yellow, suffused pink	1.50	10.00
C. W. Bruton (Decorative). Rich canary yellow..	1.50	10.00
Delice (Decorative). Rose pink .....	1.75	12.50
Dorothy Peacock (Show). Pale lilac rose, white centre .....	2.00	15.00
Dreer's White (Show). Pure white; long stemmed	3.00	20.00
Dreer's Yellow (Show). Clear yellow .....	4.50	35.00
Emily (Show). Solferino, marked white.....	1.50	10.00
Entendard de Lyon (Cactus). Reddish violet (60c. each) .....	6.00	
Floradora (Cactus.) Blood red .....	1.50	10.00



Pompon Dahlia—Klein Domitea



Cactus Dahlia, Glory of Wilts

	Doz.	100
F. R. Austin (Paeony). Cream yellow, suffused crimson .....	(40c. each)	\$4.00 \$30.00
F. W. Fellows (Cactus). Orange red .....	2.00	15.00
Gaillardia (Single). Golden yellow, red band.....	1.50	10.00
Galathea (Cactus). Soft violet rose, shaded mauve..	1.75	12.50
Geisha Century. Yellow and scarlet .....	2.00	15.00
Geisha (Paeony). Scarlet and gold.....(40c. each)	4.00	30.00
Gen'l Buller (Cactus). Rich velvety crimson, tipped white .....	1.75	12.50
Germany (Paeony). Bright glowing crimson....	1.50	10.00
Glory of Wilts (Cactus). Bright yellow .....	2.00	15.00
Golden Plover (Cactus). Bright yellow, shaded darker .....	2.00	15.00
Goldland (Cactus). Primrose-yellow .....	1.50	10.00
Hampton Court (Paeony). Mauve pink.....	2.00	15.00
Helvetia (Single). Red and white .....	2.00	15.00
Hortulanus Witte (Decorative). Pure white.....	3.50	25.00
Indian Chief (Pompon). Crimson .....	1.50	10.00
Jack Rose (Decorative). Rich crimson .....	1.50	10.00
John Wanamaker (Paeony orchid pink) ....30c. each	3.00	20.00
John Riding (Cactus). Deep rich crimson.....	2.00	15.00
John Walker (Show). Snow-white .....	1.50	10.00
John Thorpe (Double). Deep lilac pink .....	1.50	10.00
K. A. Victoria (Decorative). Pure white .....	2.00	15.00
Klein Domitea (Pompon). Terra cotta .....	1.50	10.00
Laurine (Cactus). Glistening white .....	1.75	12.50
Le Grand Manitou (Decorative). Violet striped purple	2.50	17.50
Lord Minto (Cactus). Pale yellow, shaded salmon..	1.75	12.50
Lyndhurst (Decorative). Bright scarlet .....	1.50	10.00
Mad. Henry Cayeux (Cactus). Pure white, shaded pink	2.00	15.00
Mad. Vanden Dael (Decorative). Shell pink.....	1.50	10.00
Manzanola (Decorative). Fiery crimson .....	1.75	12.50
Marathon (Cactus). Brilliant rich purple.....	2.00	15.00
Marjorie Castleton (Cactus). Rosy pink .....	2.00	15.00
Melody (Cactus). Clear yellow, bordered white....	2.50	17.50

# Michell's Superb Dahlias for Florists

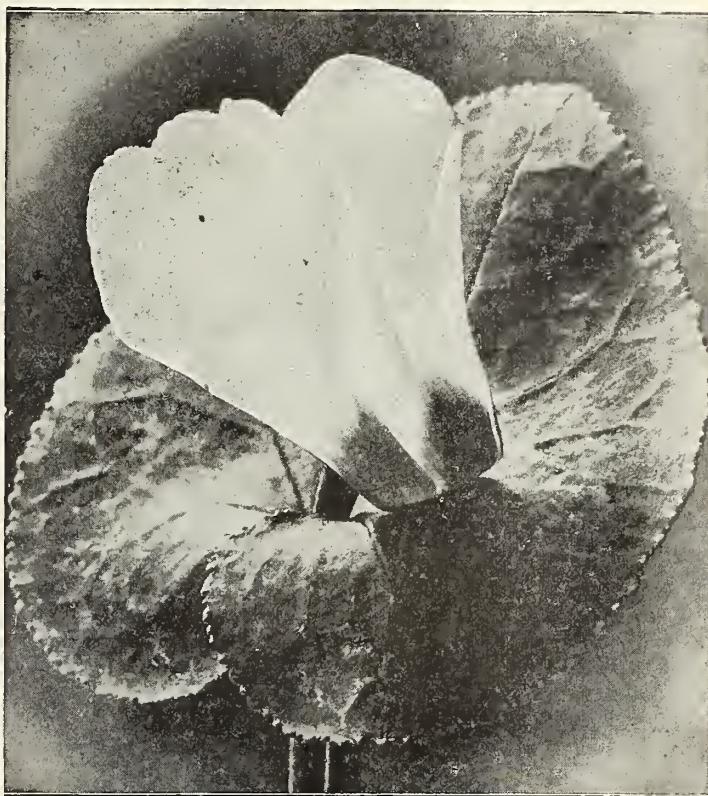
The best cut-flower sorts

59



*Decorative Dahlia, Souvenir de Gustave Doazon*

	Doz.	100
Mina Burgle (Decorative). Rich scarlet.....	\$2.50	\$17.50
Miss Minnie Vosburgh (Show). Pure white.....	2.00	15.00
Miss Browning (Show). Canary yellow .....	1.75	12.50
Mrs. Charles Turner (Decorative). Brilliant scarlet	1.75	12.50
Mrs. H. J. Jones (Cactus). Brilliant scarlet.....	1.50	10.00
Mrs. Henry R. Wirth (Cactus). Rich scarlet....	2.50	17.50
Mrs. J. Gardner Cassatt (Decorative). Deep scarlet	1.50	10.00
Nerthus (Cactus). Soft yellow, shaded rose pink..	2.00	15.00
Nibelungenhort (Cactus). Rich golden apricot (40c. each) .....	4.00	30.00
Phoenix (Cactus). Carmine red .....	2.00	15.00
Poinsettia (Double Century). Rich scarlet.....	2.50	17.50
Princess Victoria (Double Show). Pure yellow....	2.00	15.00
Queen Mary (Decorative). Soft pink .....	2.50	17.50
Record (Cactus). Oriental red.....(35c. each)	3.50	25.00
Red Hussar (Show). Cardinal red .....	1.50	10.00
Red Admiral (Cactus). Fiery scarlet .....	2.00	15.00
Reue Cayeux (Cactus). Geranium red .....	1.75	12.50
Rev. T. W. James (Cactus). Bright pink .....	2.00	15.00
Rheingau (Cactus). Canary yellow .....	2.00	15.00
Rheinischer Frohsinn (Cactus). Bright carmine rose (60c. each) .....	6.00	40.00
Riesen Edelweiss (Paeony). Pure white .....	2.50	17.50
Rose Pink Century. Rose pink .....	1.50	10.00
Scarlet Century (Single). Scarlet .....	1.50	10.00
Sherlock (Cactus). Orange scarlet, suffused apricot	2.25	15.00
Souv de Gust Douzan (Decorative). Beautiful red..	1.75	12.50
Success (Cactus). Bright canary .....	1.75	12.50
Sweetbriar (Cactus). Soft pink .....	2.50	17.50
Sylvia (Decorative). Deep pink .....	1.50	10.00
T. G. Baker (Collaretto). Bright yellow .....	1.50	10.00
Tricolor (Cactus). Golden yellow .....	2.00	15.00
Twentieth Century (Single). Rosy carmine .....	1.50	10.00
Uncertainty (Show). Shaded from pink to dark red	1.50	10.00
Wm. Agnew (Decorative). Scarlet crimson.....	1.50	10.00
Wodan (Cactus). Old gold, shaded pink.....	2.00	15.00
Yellow Duke (Show). Primrose yellow .....	1.50	10.00



*Michell's Giant Fancy Cyclamen*

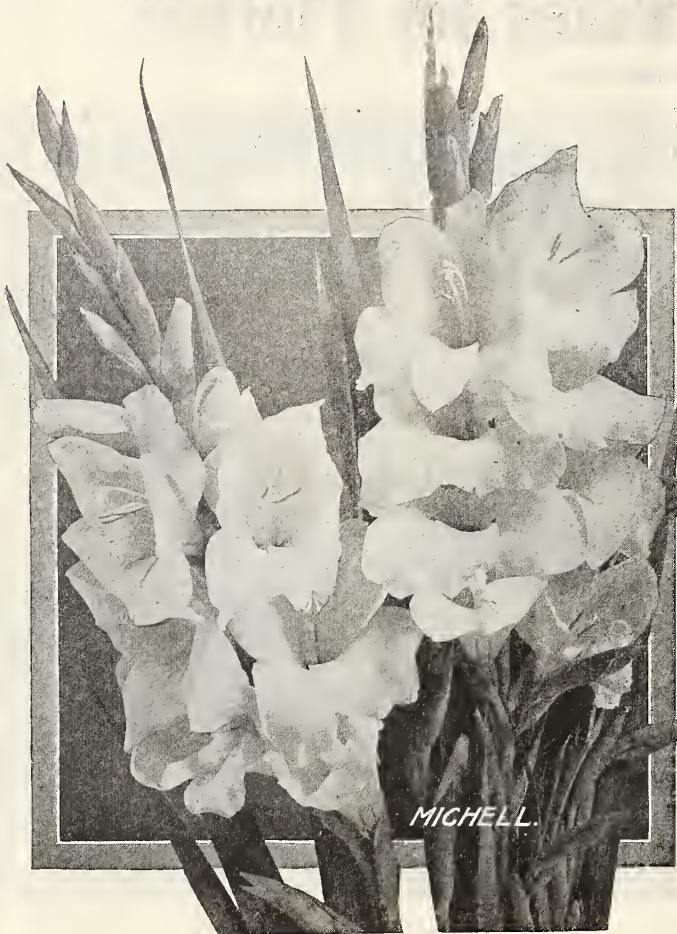
## CYCLAMEN SEEDLINGS

Grown from our Giant strain of Seed. In separate colors. Not less than 100 seedlings sold, or not less than 25 of a color. Price, \$4.00 per 100; \$35.00 per 1,000.



*Dahlia, Queen Mary*

# MICHELL'S SUPERB GLADIOLUS (BULBS)



*Gladiolus "America"*

## NAMED VARIETIES

	Doz.	100	1000	
America. One of the finest; delicate pink.	.45	\$2.75	\$22.50	
Augusta. White, slightly pencilled.....	.45	2.75	22.50	
Attraction. Rich crimson with white blotch in throat .....	.45	2.75	25.00	
Baron Hulot. Deep indigo blue .....	.60	3.50	30.00	
Brenchleyensis. Brilliant scarlet .....	.35	2.00	17.50	
Brilliant .....	.70	5.00		
Canary Bird. Soft light yellow .....	1.00	7.75	70.00	
Cardinal. Intense cardinal red .....	1.50	11.00		
Charmer. Soft mauve pink .....		1.50	10.00	
Contrast. Intense scarlet, white centre....	3.50	25.00		
Eugene Scribe. Tender rose, shaded deep..	.65	4.75	40.00	
Europa. Giant flowers, pure white.....	1.50	10.00		
Fire King. Intense scarlet, very fine .....		.85	5.00	
Gloria of Holland. Pure white; lavender anthers .....	1.00	7.00	65.00	
Ialley. Very large, salmon pink, blotched yellow with carmine markings.....	.45	2.75	22.50	
Hollandia. Beautiful shade of orange....	.45	3.00	25.00	
I. S. Hendrickson. Pink, mottled white..	1.25	8.50	80.00	
Jean Dieulafoy. Cream white, blotched red .....	1.00	7.50	65.00	
Londonkye. Primrose, blotched crimson..	.45	3.25	27.50	
Lemon Drop. Light yellow .....	1.00	6.50	55.00	
May. White, penciled crimson .....	.45	2.75	25.00	
Melrose. White flaked pink .....	1.50	9.00		
Mrs. Frank Pendleton, Jr. Salmon pink, blotched maroon .....	1.00	6.00	55.00	
Mrs. H. B. Fullerton. Rich ruby red.....	3.50	27.50		
Mrs. Francis King. Brilliant soft scarlet..	.45	2.75	22.50	
Negerfurst. Blood red, black spots .....	2.25	16.00		
Niagara. Rich cream combined with canary yellow .....	1.00	6.00	55.00	

**SPECIAL NOTE.**—During the summer of 1918 Gladiolus blooms commanded during the entire season a better price than has been known for years. We predict the price will be equally high this season.

Our experience with Gladiolus is that the demand seems to be constantly on the increase; it is a crop that can be produced at small expense, either under glass or outdoors. We recommend strongly that every florist grow a quantity of them to supply the demand that will exist again this season. Varieties marked \* are splendid for forcing under glass.

## NAMED VARIETIES—Continued

	Doz.	100	1000
Panama. Fully equal to America and super- seding it in color, which is more on the order of salmon pink .....		\$0.75	\$4.75 \$42.50
Peace. Pure white with just a slight mark- ing of a lilac feather on the lower petal. .75		5.00	40.00
Primulinus Major Hybrids. Various shades of yellow .....		0.40	2.50 22.50
Primulinus. Canary yellow .....	1.10	7.50	65.00
Principe. Dazzling scarlet .....	.50	3.25	27.50
Pink Augusta. Penciled soft pink .....	.50	3.25	27.50
Pink Perfection. Pure rose pink.....	1.00	6.00	55.00
Ruby King. Intense ruby red .....		.85	6.00
Scarsdale. Lavender, very fine .....	.60	4.00	
Scribe. Rose flaked carmine tinted white. .75		5.00	
Sulphur King. Exquisite sulphur yellow..	2.25	16.00	
Shakespeare. White flaked carmine, striped pink .....		.85	5.50 50.00
War. One of the largest of gladioli, with deep blood red flowers, showing 4 to 6 blooms at one time .....	.85	6.00	55.00

## UNNAMED GLADIOLI (Separate Colors)

	Doz.	100	1000
Pink .....		\$0.35	\$2.25 \$20.00
Scarlet .....	.25	1.85	16.00
Striped and Variegated .....	.40	2.50	22.50
White and Light .....	.35	2.00	17.50
Yellow and Orange, all Shades .....	.50	3.25	30.00

## MIXTURES OF GLADIOLI

Childsii Mammoth Flowering. All colors..	.40	2.50	22.50
Extra Choice Mixed .....	.25	1.50	13.00
Groff's New Hybrids, Extra Fine Mixed..	.35	2.25	17.50
Lemoine's Type Mixture. All colors.....	.35	2.25	17.50
Michell's Giant Flowering Mixture.....	.30	1.75	15.00

## GOLD MEDAL STRAIN MIXTURES (To Color)

Section 1. Finest shades of red, scarlet and crimson. 85c. doz.; \$6.00 per 100.			
Section 2. Finest shades of yellow, delicate pink, rose and white. \$1.10 doz.; \$8.00 per 100.			
Section 3. All shades of blue, heliotrope, mauve and lilac. \$1.75 doz.; \$11.00 per 100.			

## SILVER MEDAL STRAIN MIXTURES (To Color)

Section 1. Red, scarlet and crimson, fine types. 30c. doz.; \$2.00 per 100.			
Section 2. Yellow, white and light shade strains. 40c. doz.; \$2.25 per 100.			
Section 3. Lilac, heliotrope, light and dark blue. 55c. doz.; \$2.50 per 100.			

## IMPORTANT

Most people want the largest Gladiolus bulbs they can get. Many varieties of Gladioli produce only medium sized bulbs and for that reason should not be condemned. This is especially true in the case of mixed Gladioli, either in colors or shades of color. The smaller bulbs are frequently the finest varieties.

Correction of Error      Page 60  
**GLADIOLI**

Price should be  
Dozen      100

Charmer	\$1.50	\$10.00
Fire King	.85	5.00
Melrose	1.50	9.00
Negerfuerst	2.25	16.00
Ruby King	.85	6.00

H  
o  
g

# Mitchell's Summer Flowering Bulbs, etc.

61

## FANCY LEAVED CALADIUMS

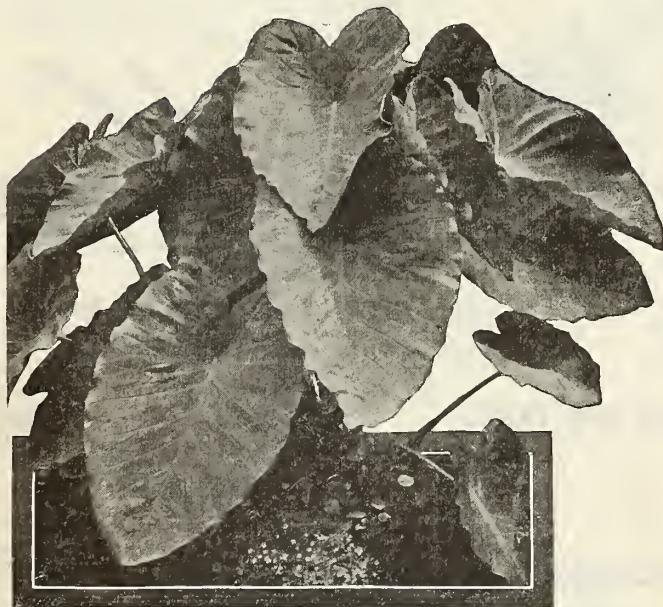
These are grown for us on contract by one of the leading hybridizers of the world. Our list is composed of 12 of the best named sorts, covering a wide range of colors, which are difficult to describe accurately. Wonderful effects can be produced in table or conservatory decorations with these beautifully marked tropical foliage plants. The bulbs should be started in damp moss, somewhat like Begonias, with plenty of bottom heat and an occasional dampening.

Do not allow them to get chilled, and at all times grow them in a warm, shaded place.

Choice named sorts in 12 varieties.  
Doz., \$2.25; \$15.00 per 100.



*Fancy Leaved Caladiums*



## CALADIUM ESCULENTUM (Elephant's Ear)

Mammoth Bulbs. 11 to 12 in. circum.....	Prices upon application.	Crop very short.
First Size Bulbs. 9 to 11 in. "		
Second Size Bulbs. 7 to 9 in. "		
Third Size Bulbs. 5 to 7 in. "		

## CINNAMON VINE ROOTS (Hardy)

Dark green, dense foliage, with small sweet (cinnamon) scented blossoms; good stock for the florist who has a counter trade. 40c. doz.; per 100, \$3.00; \$25.00 per 1,000.

## HYACINTHUS

**Candicans.** White flowering; very desirable for planting in borders. Doz., 35c.; \$2.25 per 100; per 1000, \$20.00.



*Ismene*

## ISMENE CALATHINA (Pancratium Lily)

Flowers a beautiful waxy white; deliciously fragrant. Bulbs are not hardy and should be removed to the house in October. These sell readily as a bulb or flower, and for summer funeral work are equal to lilies. Per doz., \$1.00; \$7.50 per 100.

## LILY OF THE VALLEY

**Clumps.** For outside planting (stock is usually exhausted after May 15th). Price upon application.

**Giant Flowering (Cold Storage).** For a number of years we have made a specialty of these, and our strains are reputed to be among the finest. Price on application.

## HARDY LILIES

	Doz.	100
Canadense. Bright yellow .....	\$1.50	\$10.00
Canadense Rubrum. Red .....	2.50	15.00
Elegans Leonard Joerg. Apricot pink .....	1.50	8.50
Hansoni. Reddish orange .....	6.00	40.00
Henryi. Orange yellow .....	6.00	40.00
Regale (Myriophyllum). White .....	85c. each	9.00 70.00
Superbum. Orange red .....	1.25	8.00
Tenuifolium. Bright scarlet .....	1.10	7.50
Umbellatum. Orange scarlet .....	1.10	7.50

## MEXICAN VINE

Strong Roots or Tubers .....	Doz. 100 1000
------------------------------	---------------

Strong Roots or Tubers .....	\$0.40	\$2.75	\$25.00
------------------------------	--------	--------	---------

## MONTBRETIAS

Aurantiaca. Deep golden yellow.

Crocosmiaeflora. Scarlet and yellow.

Etoile de Feu. Vermilion, yellow centre.

Germania. Orange-scarlet; very large.

Pottsi. Large, orange-scarlet.

Rayon d'Or. Yellow, spotted brown.

Price, 35c. doz.; per 100, \$1.75; \$15.00 per 1,000.

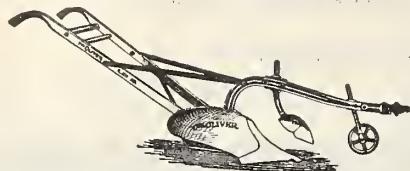
## OXALIS (Summer Flowering)

	Doz.	100	1000
Deppii. White .....	\$0.10	\$0.75	\$6.00
Lasiandra. Pink .....	.10	.75	6.00

## TUBEROSES

Crop very short.

**Mammoth Pearl.** Double pure white. First size bulbs. Price on application.



### SOUTH BEND PLOWS

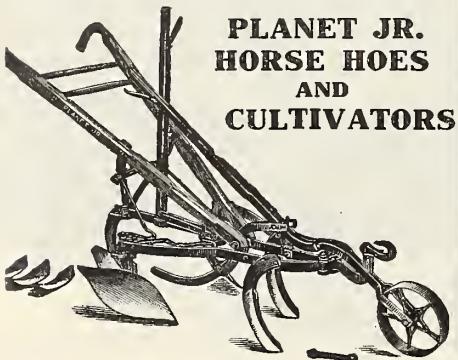
This plow has been one of the favorites in the section of Philadelphia for many years. It is substantially made, neat, and gives splendid satisfaction.

No. 1B. For one horse, wood beam... \$9.00  
No. 2F. For one heavy horse or two light horses, wood beam... 11.50

No. 3A. 2-horse, wood beam ..... 15.25  
No. 4. 2-horse, heavy, wood beam... 19.00

The prices above are for plain plows with clevis only. Jointers and wheels can be supplied for Nos. 2, 3 and 4.

If wheel only is wanted, add \$1.75, or if jointer only is wanted, add \$3.40 to the prices quoted above. We can also supply Oliver, Gale and Syracuse Plows.



No. 8 Planet Jr. Horse Hoe

Planet Jr. Implements are in great demand by the market garden industry everywhere. While we list here only a few popular styles, we are prepared to furnish the complete line.

No.  
8. Horse Hoe and Cultivator..... \$19.00  
7. Horse Hoe and Cultivator .... 18.00  
90. Harrow (Complete) ..... 19.00

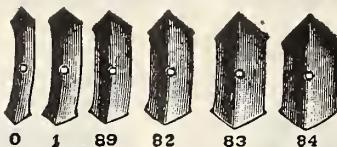
### IRON AGE CULTIVATORS & HORSE HOES



No. 1007 E. L. I. A. Horse Hoe

The "Iron Age" gardening and farming tools are favorably regarded and in many sections are preferred.

No.  
1007. E. P. Cultivator ..... \$11.50  
1914. E.P. Harrow ..... 11.75  
1007. E. L. Cultivator ..... 12.50  
We can also supply all other styles of I. A. Horse Tools.



### IRON AGE CULTIVATOR TEETH

No.	Width	Each	No.	Width	Each
0	0-1 1/4 in....	\$0.16	82	3 in....	\$0.25
96	1 1/2 in....	.19	83	3 1/2 in....	.28
1-2	in....	.21	84	4 in....	.29
89-2 1/2	in....	.23	68	4 in....	.29

Bolts for Teeth, 4c each; per doz., 40c.

### THE MEEKER SMOOTHING HARROW



The Meeker Harrow

The ideal implement for the market gardener; it makes a seed bed as fine as can be done with a rake; is easy on the horse and does the work quickly and satisfactorily.

	Price
No. 1—4 ft. 6 in. x 4 ft.—8 in. discs	\$30.50
No. 2—6 ft. 8 in. x 6 ft.—8 in. discs.	38.00
No. 3—8 ft. x 6 ft.—8 in. discs....	42.50
No. 4—8 ft. x 6 ft.—10 in. discs....	55.00

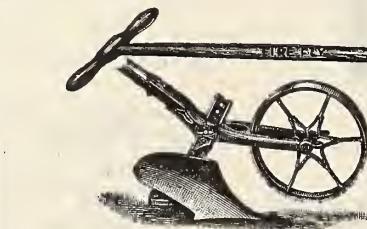


### PLANET JR. WHEEL HOES

No. 12	Double wheel (see cut....)	\$11.75
No. 13	Double wheel .....	8.25
No. 11	Double wheel .....	15.25
No. 14	Double wheel .....	13.50
No. 16	Single wheel .....	9.75
No. 17	Single wheel .....	8.00
No. 17 1/2	Single wheel .....	5.75
No. 18	Single wheel .....	5.75
No. 33	Single wheel .....	6.00

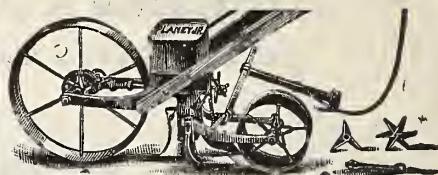
### PLANET JR. WHEEL HOE PARTS

Side Hoes, per pair, 4 1/2-inch,	\$1.20;
6-inch, \$1.30; 7-inch .....	\$1.50
Side Plows, per pair .....	1.50
Cultivator Teeth, each .....	.40



### FIRE-FLY GARDEN PLOW

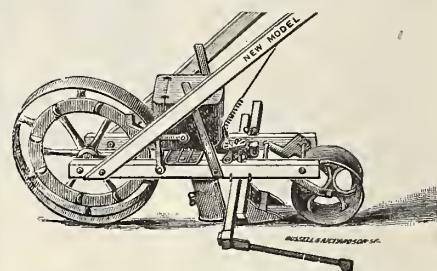
Exceedingly useful to every owner of a garden. It throws furrows various widths; very desirable for plowing up gardens for new crops (after general plowing in spring). Price, \$3.50.



### SEED DRILLS

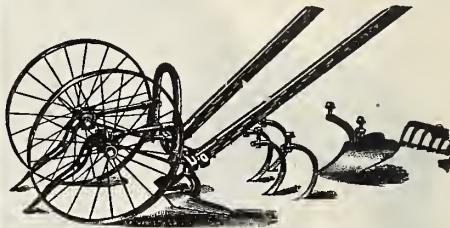
#### PLANET JR.

No. 4D.	Plain .....	\$14.50
No. 4.	Combined .....	18.50
No. 3.	Plain only .....	17.50
No. 25.	Combined .....	22.00
No. 31.	Combined Seeder and Wheel Hoe, complete..	12.00
No. 31D.	The above machine as a seeder only .....	9.50



### THE MODEL SEED DRILL

It is designed as a drill seeder only; the depth of sowing can be regulated to any desired distance. It is well named the market gardener's drill, having a large capacity for seeds, and is a wonderfully efficient machine. Price, \$14.75.



### IRON AGE WHEEL HOES

No. 301R. Double Wheel Hoe (see cut)	....	\$12.50
No. 303 Double Wheel Hoe .....	....	8.50
No. 11 Single wheel .....	....	4.75
No. 12 Single wheel .....	....	6.00
No. 19C. Wheel plow and cultivator.	....	6.25

### GEM WHEEL HOES

**Single Wheel.** Of garden tools this is the most popular, being low in price and complete in detail, suited for most any work in a garden. It weeds, hoes, hills and harrows. Price, \$8.25.  
Gem Double-Wheel Hoe ..... \$10.25  
Iron Age Hand Plow (no wheel).... 2.35

### IRON AGE SEED DRILLS

No. 306 Double and Single-Wheel Hoe, Hill and Drill Seeder combined, complete, \$21.00		
No. 304 Double and Single-Wheel Hoe, and Drill Seeder combined, \$20.00. No. 318 Drill Seeder only, \$14.50.		
Advance Fertilizer Drill. This machine, while designed for fertilizing, is a splendid equipment for drilling peas, beans and corn, \$11.50.		

## MICHELL'S LAWN MOWERS, ROLLERS, Etc.

## THE MICHELL HIGH WHEEL BALL BEARING LAWN MOWER

(5-blade cylinder)

15-inch .....	\$15.00	19-inch .....	\$19.00
17-inch .....	17.00	21-inch .....	20.00

## PENNA. AND CONTINENTAL LAWN MOWERS

Either at the following prices:

Low wheel, 8-in. diameter

12-inch .....	\$12.00	16-inch .....	\$15.20
14-inch .....	13.60	18-inch .....	16.80

High wheel, 10½-in. diameter.

15-inch .....	\$20.00	19-inch .....	\$24.80
17-inch .....	22.40	21-inch .....	27.20

## PENNA. JR. BALL BEARING

8-inch or low wheel, 5-blade cylinder, 5½-in. diameter.

12-inch .....	\$13.20	16-inch .....	\$16.15
14-inch .....	14.45	18-inch .....	17.85

10-inch or high wheel, 5-blade cylinder, 6-in. diameter.

15-inch .....	\$21.50	19-inch .....	\$24.80
17-inch .....	22.40	21-inch .....	27.20

## PENNSYLVANIA GOLF

For Putting Greens and close cutting.

7 Blades 9½ in. Wheel	Ball Bearing		
17-inch .....		\$28.90	
19-inch .....		32.30	
21-inch .....		35.70	

## PENNA. PUTTING GREENS

12-inch .....	\$20.40	16-inch .....	\$27.20
14-inch .....	23.80	18-inch .....	30.60

## TOWNSEND'S GOLF WONDER

16-inch .....	\$23.10	20-inch .....	27.30
18-inch .....	25.60	Without Catcher	

Catchers for any of the above, \$5.00 each.

## COLDWELL HIGH WHEEL

Ball-bearing, 4-blade cylinder.

14-inch .....	\$12.00	18-inch .....	\$14.00
16-inch .....	13.00	20-inch .....	15.00

## GREAT AMERICAN BALL BEARING

High wheel.

15-inch .....	\$14.00	19-inch .....	\$18.00
17-inch .....	16.00	21-inch .....	19.00

## PHILADELPHIA MOWERS

High wheel, style A.	High wheel, style K.
15-inch .....	\$18.75
17-inch .....	21.00
19-inch .....	23.75
21-inch .....	25.50

18-inch .....

16.00

18.00

15.00

19.00

17.00

20.00

18.20

## GRAHAM (PHILA.) MOWERS

15-inch H. W. \$21.00	19-inch H. W. 26.60
17-inch H. W. 22.80	21-inch H. W. 29.40

## NEW DEPARTURE MOWER

Special shock absorber style.

High wheel, 4-blade.

15-inch .....	\$12.20	19-inch .....	14.30
17-inch .....	13.20		

## DELTA LAWN MOWER

High Wheel B. B.

12-inch .....	\$7.25
14-inch .....	7.75

## LAWN TRIMMERS

For cutting around walks, drives, flower beds and borders.

Coldwell .....	\$7.00
Penna. Regular style; plain-bearing	9.00

Penna. Undercut style; ball-bearing 10.80

Capitol .....	7.50
Coldwell Gem. 8-inch cut .....	7.00

## GRASS CATCHERS

Braun's Make

For the Pennsylvania, Continental, Great American B. B. and New Departure Mowers.

12-inch .....	\$2.25	15-inch .....	\$2.70
14-inch .....	2.50	17-inch .....	2.70

16-inch .....	2.70	19-inch .....	2.95
18-inch .....	2.70	21-inch .....	3.15

## Catchers for Penna. Golf Mowers

14-inch .....	\$3.85	17-inch .....	\$4.25
16-inch .....	4.05	19-inch .....	4.50

18-inch .....	4.25	21-inch .....	4.75

## Catchers for Penna. P. G. Mowers

12-inch .....	\$3.60	16-inch .....	\$4.05
14-inch .....	3.85	18-inch .....	4.25

## K. C. GRASS CATCHER

Fits any Mower

Made of sheet iron bottom and canvas sides. Price, 12- to 16-inch size, \$1.75 each; 18- to 22-inch size, \$2.00.

## HORSE LAWN MOWERS

Coldwell, 25-inch]	
Coldwell, 30-inch	

Price on application

Coldwell, 35-inch	
Coldwell, 40-inch	

Price on application

Penna. Pony, 25-in., 4 blades	
Penna. Horse, 30-in.; with	

and without seat and shafts

Price on application

Penna. Horse, 38-in.; with	
and without seat and shafts	

Price on application

## Penn. Grand Horse Mower

30-inch cut, with draft irons .....	
30-inch with seat and shafts .....	

Price on application

38-inch cut, with draft irons .....	
38-inch with seat and shafts .....	

Price on application

## COLDWELL MOTOR MOWERS

Model J—40-in. cut .....	
" G—35-in. cut .....	

Price on application

" H—30-in. cut .....	
Shawnee, 84-in. cut .....	

Price on application

## COMBINED OR GANG HORSE MOWERS

Townsend's Triplex, 86-in. cut .....	
cut .....	

Price on application

Penna. Trio, 86-in. cut....	
Shawnee, 84-in. cut .....	

Price on application

## LAWN MOWER OIL (Best Quality)

Quart, 50c.; 70c. per ½-gallon; gallon, \$1.25.

## "BOSS" HAND LAWN ROLLERS

Diam.	Long	Sec.	Lbs.
No. 1—15 in.	15 in.	2	150
No. 2—15 in.	22 in.	3	200
No. 3—20 in.	16 in.	2	225
No. 4—20 in.	20 in.	2	250
No. 6—20 in.	24 in.	3	300
No. 7—20 in.	24 in.	2	300
No. 8—20 in.	30 in.	3	350
No. 9—24 in.	20 in.	2	400

Price on application

Sec-	Diam.	Width	Weight
			filled with
No.	I	24	Water
603.....	I	24	180
604.....	I	24	200
605.....	2	18	175
606.....	2	24	230

Price on application

Prices on Horse Rollers on application.

012—6	-inch American	.....	\$0.90
012—7	-inch American	.....	1.10
3075—6	-inch English	.....	1.10
3075—7	-inch English	.....	1.35
0267—6	-inch American	.....	.65
050—5½-in. American	.....	.....	.50
263—5½-in. Trowel Shank	.....	.....	.30

Each

English, 32-inch, rivet back ..... \$1.50

English, 34-inch, rivet back ..... 1.60

English, 36-inch, rivet back ..... 1.70

English, 38-inch, rivet back ..... 1.85

American, Little Giant, 32-inch ..... 1.60

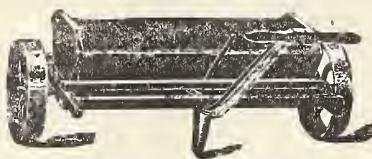
American, Little Giant, 34-inch ..... 1.70

American, Little Giant, 36-inch ..... 1.80

Bush ..... 1.60

SNATHES for Scythes ..... 1.25

## THE STEVENS' FERTILIZER DISTRIBUTOR

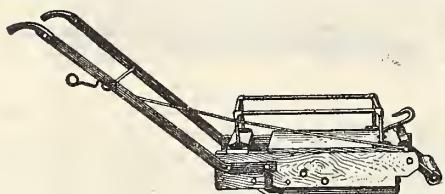


**Hand Machine** for distributing bone meal, wood ashes and other commercial fertilizers on fields, lawns, etc. Insures perfect and even distribution, requiring less time than by the hand process. Machine holds about  $1\frac{1}{4}$  bushels. Covering area, 3 feet wide. Price, \$14.50.

**Horse Machine.** This style is suitable for use on large lawns, fields and golf grounds. It has a device for regulating the quantity to be sown. It is equipped with broad tires, which do not readily cut into the ground. It is furnished equipped for either one or two horses as may be desired. Prices f. o. b. factory, 5 foot 10-inch spreading area, 8 foot 3-inch spreading area. Price of Stevens' Fertilizer Distributors on application.

## THE NEW CHAMPION SOD CUTTER

The best and most satisfactory machine on the market. Sod cutters are now used extensively where any great amount of cutting is to be done; work can be accomplished better with this machine; you can cut as much in one hour as two men all day. Price, \$26.00.



Extra Knives for Sod Cutters....\$4.75

## SOD TAMPERS

When laying sod it is necessary to properly firm it down, so that it will take new root quickly. It is also convenient for firming the soil or lawn on places where a roller cannot be used; made of iron with wood handle, 12 inches square; weight, 26 lbs. Price, \$1.50 each.

## SOD PERFORATORS

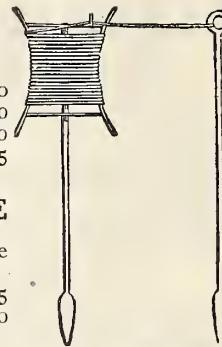
A convenient implement for use in loosening soil in places where sod is worn out preparatory to sowing grass seed. Price, \$3.50.



Sod Tamper

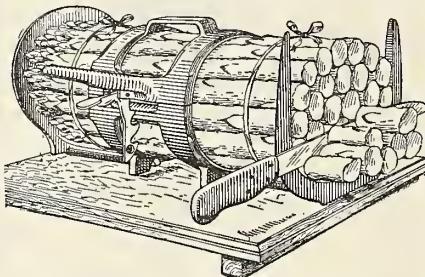
## GARDEN REELS

Small, Single.. \$0.70  
Medium, Single .90  
Large, Single.. 2.10  
Large, Double. 2.75



Single Garden Reel

Plow Line Cotton, 45-foot hanks, 75c.



## ASPARAGUS BUNCHERS

Even where one has a limited amount of asparagus to market it pays to use a buncher. It is quickly tied and looks uniform. **Buncher, with Knife Guard, \$3.00.**

## ASPARAGUS TAPE

In fast colors, green and red, glazed finish. 1000-yard spools, \$6.25 per spool.

## ASPARAGUS KNIVES

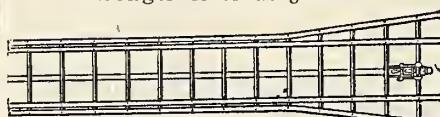
Bateman's .....	\$0.45
Fig. 399, No. 3, American. V-shaped blade, S. H. ....	.55
Fig. 399, American. V-shaped blade, L. H. ....	.65

## SINGLE PLANK LADDERS

Made of good hard wood, free from faulty knots; with perfect rounds.

10 ft. ..	16 ft. ..
12 ft. ..	27c. foot 18 ft. ..
14 ft. ..	20 ft. ..

Longer sizes at 30c. ft.

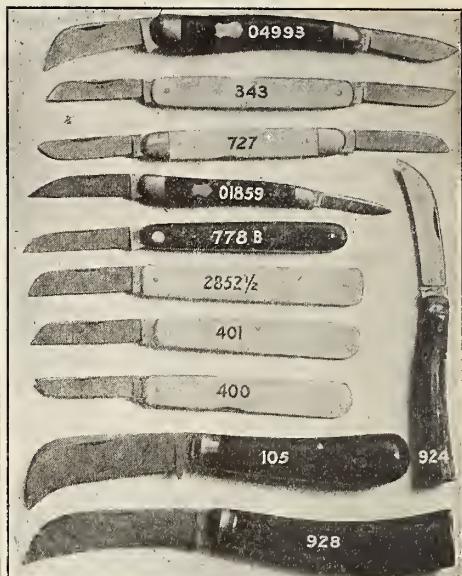


## EXTENSION LADDERS

These are made in the best manner possible, are complete, being equipped with the necessary rope and pulleys. The ladders we supply are straight, without the curve in the standards, as the illustration shows.

16 ft. ..	26 ft. ..
18 ft. ..	28 ft. ..
20 ft. ..	30 ft. ..
22 ft. ..	32 ft. ..
24 ft. ..	34 ft. ..
36 to 44 ft. size at 42c. per foot.	

All prices subject to change without notice



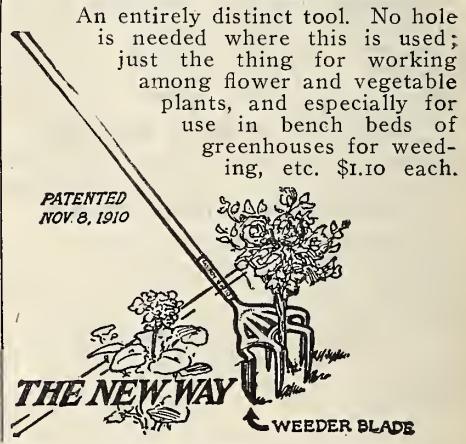
## HORTICULTURAL KNIVES

A good knife is an essential to every gardener and florist. Our stock consists of such styles that are practical and in demand. They are all of the best steel, every one is guaranteed to be perfect and give good satisfaction.

924	English Pruner, 1 blade.	\$1.50
928	English Pruner, 1 blade.	1.75
04993	Budding and Pruning, 2 blades .....	1.25
2852½	Budding, 1 blade.....	1.10
778B	Budding, 1 blade.....	.90
01859	Budding and Pruning, 2 blades .....	.90
303	2 Blade Saynor Pruning, stag handle .....	2.00
105	Pruner, 1 blade, steel band, cocoa handle....	.90
727W	Budding, 2 blades .....	1.25
400	Saynor Budding, 1 blade..	3.00
401	Saynor Budding, 1 blade..	3.00
343	Saynor Budding, 2 blades.	3.25
187	Saynor, 1 blade pruning.	2.75
204B	Saynor, 1 blade budding.	4.00

## MEHLER HANDY GARDENER

An entirely distinct tool. No hole is needed where this is used; just the thing for working among flower and vegetable plants, and especially for use in bench beds of greenhouses for weeding, etc. \$1.10 each.



PATENTED  
NOV. 8, 1910

THE NEW WAY

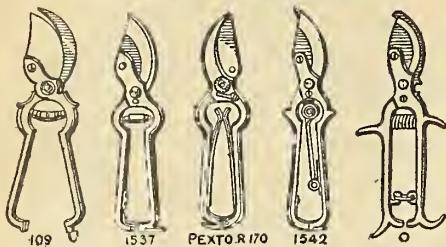


(hb)

# MICHELL'S SUNDRIES FOR FLORISTS, ETC.

65

## PRUNING SHEARS



No.				
109	Wiss, 8-in.	2	lbs.	\$3.25
60	Pexto American	2	lbs.	.90
65	" "	2	lbs.	1.35
105	" "	2	lbs.	1.60
R105	" "	2	lbs.	1.80
R 70	" "	2	lbs.	1.80
R170	" "	2	lbs.	2.25
6½-in.	" "	2	lbs.	1.00
0 American	" "	2	lbs.	.50

**Spiral Springs** for any of the above Pruning Shears, 15c. each; per doz., \$1.50.  
Parcel Post Weight, per doz., ½-lb.

**FRENCH PRUNING SHEARS**  
These have a distinct, very easy working spring.

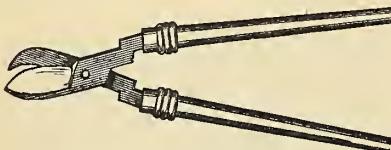
Weight

No. 1542—7-inch ..... 2 lbs. } Price upon  
No. 1542—8½-inch ..... 2 lbs. } Application  
Springs for French Pruning Shear "



LEVIN PRUNER

The handle of this shear affords a great deal of leverage, which makes very easy cutting possible. Price, 75c. Weight, 2 lbs.



## LOPPING SHEARS

No. 109 English (see cut)	.....	\$4.25
No. 5400 Clyde Lopping Shear. 24-in. handle	.....	3.00
No. 5400 Clyde Lopping Shear. 30-in. handle	.....	3.50
Rhodes Double Cut	.....	3.10

## GRAFTING WAX

¼-lb., 10c.; 15c. ½-lb.; 1 lb., 25c.; \$1.10 per 5 lbs.



## GRAFTING TOOL

Parcel Post Weight  
1 lb

Best English steel for grafting trees, etc.  
With Wood Handle (see cut).....\$0.80  
All Steel ..... .60

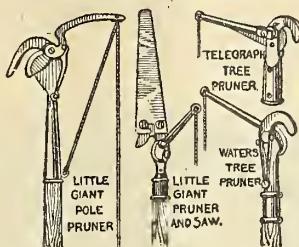
**LEATHER PRUNING GLOVES**  
Buckskin, plain, pair ..... \$2.70  
Plain Leather, with gauntlets, pair.... 2.25

## PRUNING COMPOUND

Used for painting the wounds of trees after pruning.

1 quart ..... \$0.50  
1 gallon ..... 1.10

## TREE PRUNERS



**Disston's Little Giant.** Pruner.....\$1.75  
Parcel Post Weight, 3½ lbs.

**Disston's Little Giant.** With saw attachment (see cut) ..... 2.75  
Parcel Post Weight, 4 lbs.

The above prices are for Pruner without rope or pole.

## TELEGRAPH TREE PRUNER

Removable blade which can be renewed when worn out for 20c. Price, plain as in cut, \$1.15.

Parcel Post Weight, 2 lbs.

## WATER'S TREE PRUNERS

With removable cutting blade and pole complete.

4 feet	.....	\$0.90
6 "	.....	1.15
8 "	.....	1.35
10 "	.....	1.60
12 "	.....	1.80
14 "	.....	2.00

**Extra Blades** for Waters Pruners, 20c. each.

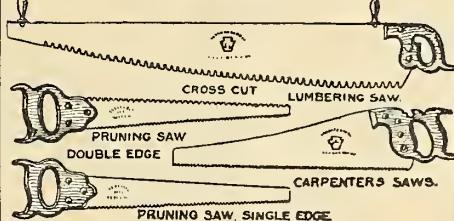
None of the above Tree Pruners except the Waters are equipped with poles or rope.

## Poles for Tree Pruners.

12 feet long, 1¼ inches diameter	.....	\$1.25
14 " " 1½ " " .....	1.50	
16 " " 1½ " " .....	1.75	

Waters Pruners or Poles are not mailable.

## SAWS



## CROSS-CUT LOG SAWS

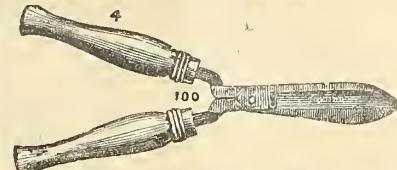
One Man, 3½-foot blade ..... \$3.75  
Two Man, 5-foot blade ..... 4.75

## DISSTON PRUNING SAWS

	P. P. Weight	Each
18-inch. Double edge	2 lbs.	\$0.90
20 " " " " .....	2 lbs.	1.15
16 " Single " .....	2 lbs.	1.15
18 " " " " .....	2 lbs.	1.25
20 " " " " .....	2 lbs.	1.35
22 " " " " .....	2 lbs.	1.40

## CARPENTER SAWS

When ordering state if rip or cross-cut.  
Disston No. 8—26-inch blade.....\$2.75  
" No. 8—28 " " ..... 3.15



## HEDGE SHEARS

	Plain Bolt
I07 5½-inch Ladies'	\$2.00
I01 8 "	2.25
I01 9 "	2.50
I01 10 "	2.75
I01 12 "	4.00

**Lock Bolts, Nuts and Washers** for hedge shears, 15c. each.

## SAYNOR HEDGE SHEARS (Fly Nut)

For very heavy hedges.  
No. 101. 9 inches, | No. 101. 10 inches.  
Price of Saynor Hedge Shears on application.



## SHOVELS

We handle only the very best makes of steel shovels. Every one guaranteed.

### Short Handle

Ames, round point	.....	\$2.00
Ames, square point	.....	2.00
Maynard, solid socket, square point	.....	2.00
Maynard, solid socket, round point	.....	2.00
Imperial, round point	.....	1.80
Imperial, square point	.....	1.80

### Long Handle

Ames, round point	.....	\$2.00
Imperial, round point	.....	1.80
Imperial, square point	.....	1.80
Maynard, round point	.....	2.00



## SPADING FORKS

Strapped shanks, short or D-wood handle. Made of best quality steel.  
No. O H W. Men's 4-tine.....\$1.65  
No. O H W 5. Men's 5-tine..... 1.80  
No. B 4 D. Boys' or Ladies', 4-tine.. .90  
No. E B 4. English 4-tine ..... 1.85



## STEEL SPADES

Ames, Short Handle	.....	\$2.00
Maynard, Short Handle	.....	2.00
Nursery (Ames), Short Handle	.....	3.25
Imperial, Short Handle	.....	1.80
Long Handled Imperial	.....	1.35
Boy's	.....	1.20



## TREE SCRAPERS

For removing loose bark from trees prior to spraying. Steel blade may be detached and sharpened. Price, 65c.

# Michell's Garden and Greenhouse Accessories

## THE BINKS NOZZLE

Made of aluminum, with brass face, equipped with interchangeable sprays, coarse and fine. \$2.75 each; worth twice the price.

Parcel Post Weight, 1 1/4 lbs.

## BOSTON SPRAY NOZZLE

(For 3/4-inch Hose)

	P. P. Wt.	Price
Light Copper	1/2 lb.	\$0.90
Heavy Brass	1 "	1.25

## RAINBOW NOZZLE

An all-brass device with an adjustable arrangement, which regulates in a perfect manner the character of the stream this nozzle will throw. For 3/4-inch hose.

(Parcel Post Weight, 1 lb.) Price, \$2.00.

## PLAIN STREAM NOZZLES

(For 3/4-inch Hose)

4 inch.....	4 ozs.	\$0.70
6 " .....	.6 "	.90

## SIAMESE HOSE CONNECTION

This permits one lead of hose to be diverted in two directions. Additional three-way connections can be used according to the water pressure. Price, 75c. each.

Parcel Post Weight, 1 lb.

## HOSE REDUCERS

Reduces 1-inch pipe to fit regular 3/4-inch hose. All brass.  
Each .....

Parcel Post Weight, 1 1/2 lbs.

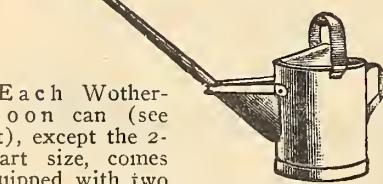
## HYDRANT ATTACHMENTS

Used for attaching hose to smooth faucets.

Royle Style .....	\$0.50
Parcel Post Weight, 1/2-lb.	

Boyd Style .....	40
Parcel Post Weight, 1/2-lb.	

## WATERING CANS



Each Wother-spoon can (see cut), except the 2-quart size, comes equipped with two roses, one coarse and one fine. Wother-spoon Make Galvanized

	Light	Round	Oval	Make
2-quart.....	\$1.75	....	....	
4 " .....	3.25	....	....	\$0.80
6 " .....	3.50	\$3.75	.90	
8 " .....	3.75	4.00	1.00	
10 " .....	4.00	4.25	1.30	
12 " .....	4.25	4.50	1.40	
16 " .....	4.50	5.00	1.65	
20 " .....	....	....	3.00	

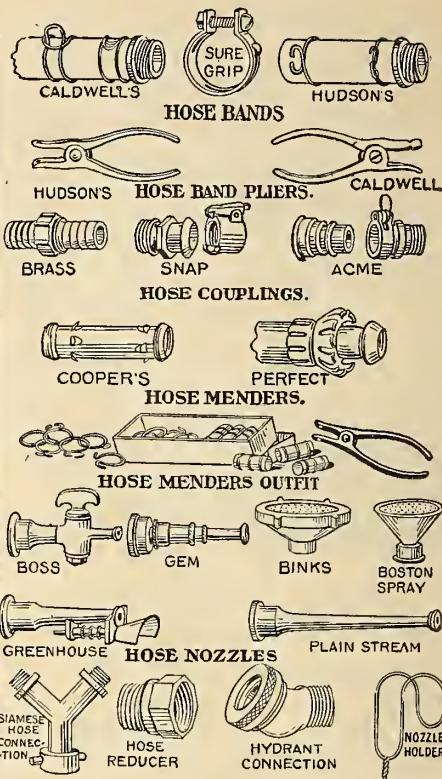
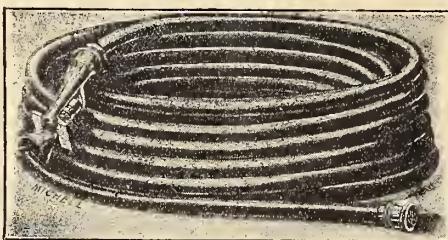
12-qt. Manure Watering Can.....	\$4.50
4-qt. Fern or Low Watering Can..	2.25

Extra Roses for Wother-spoon Watering Can, either coarse or fine, 50c. each.

Rubber Aprons for watering, etc., made of extra heavy material, brass eyelets, \$2.00 each.

## HOSE EQUIPMENTS

(See illustrations in right hand side column)



## RUBBER HOSE

Special attention is called to "Empire Red" Hose, a new brand which, having been thoroughly tried out, has made good.

*Michell's Special, 1/4 in.....	\$0.15 1/2
" 3/4 "	.17
Electric, 3/4 in.....	.20
" 1/2 "	.18
*Revero, 3/4 "	.20
" 1/2 "	.18
*Empire Red (corrugated).....	.20
Spray Pump Hose, 3/8 in.....	.11

P. S.—Brands marked \* come in reels of 500 feet and sections in any length to that number of feet may be had.

25- and 50-foot sections of hose coupled free. Smaller sections coupled at the rate of 25c. per pair for couplings.

Hose Washers. For inside and outside of couplings. 8c. doz.; 1/4 lb., 30c.

## HOSE BANDS

For fastening couplings and menders.

### CALDWELL'S

No.	Doz.	100
8—For 3-ply hose .....	\$0.35	\$2.25
6—For 4-ply hose .....	.35	2.25
P. Post Weight, doz., 1 lb.; 100, 2 1/4 lbs.		

### HUDSON'S

No.	Doz.	100
3/4 inch.....	\$0.15	\$1.00
1/2 " .....	.15	1.00
P. Post Weight, doz., 1/4 lb.; 100, 2 1/4 lbs.		

### SURE GRIP

3/4 inch, 4c. each; per doz., 40c.  
Parcel Post Weight, doz., 1 lb.

## BRASS HOSE COUPLINGS

P. P. Wt.	Doz.	Pair	Doz.
1/2 inch.....	3 1/4 lbs.	\$0.25	\$2.75
3/4 " .....	4 "	.25	2.75

## SNAP HOSE COUPLINGS

Snap Couplings. 32c. pair; doz pairs, \$3.25. (Washers, 18c. doz.)  
Parcel Post Weight, per doz., 2 1/2 lbs.

## SNAP COUPLING PARTS

No. 2—Male, 12c. each; per doz., \$1.25.
Parcel Post Weight, per doz., 1 1/4 lbs.
No. 1—Female, 20c. each; per doz., \$2.00.
Parcel Post Weight, per doz., 1 1/4 lbs.

## ACME HOSE COUPLINGS

No. 3 part, for attaching to spigot, 17c. each; doz., \$1.90.

Parcel Post Weight, per doz., 3 lbs.

No. 4 part, for attaching to hose, 27c. each; doz., \$3.15. Weight, doz., 3 lbs.

Couplings complete, consisting of one No. 3 and one No. 4 part, 45c. each; per doz., \$5.00. Weight, per doz., 6 lbs.

## HOSE MENDERS

Cooper's, 3/4 in.....	\$0.08	\$0.80	\$6.00
" 5/8 " .....	.08	.80	6.00
" 1/2 " .....	.08	.80	6.00
Jones', 3/4 in. (iron)....	.05	.50	3.75

Hudson's, 3/4 in. (brass).....	.07	.70	5.50
" 1/2 in. (brass).....	.06	.65	5.00

Republic Hose Menders, 3/4 in. (screw sleeve).....	.12	1.20	
---	-----	------	--

## THE PERFECT HOSE MENDER

For 3/4-inch hose, 12c. each; doz., \$1.20; \$9.00 per 100.

Parcel Post Weight, per doz., 1 3/4 lbs.

## HOSE MENDING OUTFIT

(For 3/4-inch Hose)  
Consisting of 6 menders or connections, 18 bands or fasteners, and a pair of pliers for fastening bands. Price, 75c. each.

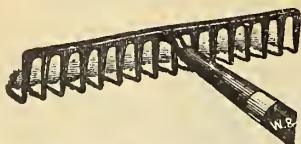
Parcel Post Weight, 1 lb.

## BOSS HOSE NOZZLE

Price, 75c. each. For 3/4-inch hose.  
Parcel Post Weight, 1/2 lb.

## GEM HOSE NOZZLE

3/4-inch hose. Regulated to give three different streams. Price, 65c.  
Parcel Post Weight, 1/2 lb.

**STEEL GARDEN RAKES**

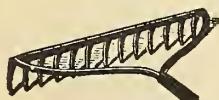
Made of best cast steel, with long teeth for penetrating the ground.

No.	No.		
6—6 tooth	\$0.65	12—12 tooth	\$0.75
8—8 " " " 70	14—14 " " " 80		
10—10 " " " 70	16—16 " " " 85		

**STEEL GRAVEL RAKES**

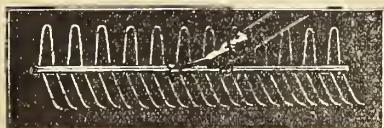
These rakes are used for road-making and for paths. Having very short teeth they do not gather up stones or gravel.

No.	No.		
G12—12 tooth	\$0.80	G16—16 tooth	\$1.00
G14—14 " " " 90	G18—18 " " " 1.10		
No. G20—20 tooth	.....	\$1.20	

**STEEL BOW RAKES**

Preferred by many to the regular garden rake. The teeth are slightly bent toward the operator.

No.	No.		
BII—II tooth	\$0.85	B13—13 tooth	\$0.90
No. B15—15 tooth	.....	\$0.95	

**WIRE LAWN OR GRASS RAKE**

Made of heavy tinned steel wire. These are excellent for lawn or walk work. The rake is reversible. No. 2046—46 tooth for putting greens, 90c. each.

24R—24 tooth

..... \$0.55 | 36LR 36 tooth

..... \$0.90

**OLE OLSEN LAWN RAKES**

This rake head is slightly curved from the centre to each end which does not allow any material that has been caught by the teeth to slip around the edges.

26-tooth hickory wood. Price, 65c.

**WOODEN RAKES**

No. Ames 37X, 24-tooth, steel bows. For lawns ..... \$1.00  
Ames. 14-tooth wood bow for hay... 90  
Twenty-tooth, lawn, wire braced..... 45

**WEEDERS**

Eureka Weeding Fork (see cut above), 30c. each; doz., \$3.00.

Eureka Weeder, 30c. each; doz., \$3.00.  
Magic Weeder, Small, 20c. each; \$2.00 per doz.; medium, 25c. each; doz., \$2.50. Large, 90c. each.

Excelsior Weeders. 12c. each; doz., \$1.25.

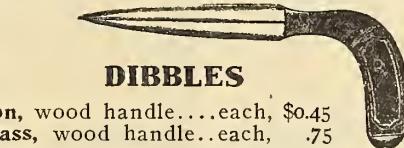
Excelsior Weeding Forks. 12c. each; doz., \$1.25.



Hazeltine Weeder, 35c. each; doz., \$3.50.

**MAKEFIELD WEEDER**

A most practical Tool, invented by a practical trucker; splendid for weeding among seedlings. Price, 50c.

**DIBBLES**

Iron, wood handle....each, \$0.45

Brass, wood handle....each, .75

**TROWELS No. 211**

These are made of one-piece steel blade and shank, equal to the imported trowels.

Each ..... \$0.55 | 6 inch..... \$0.75  
7 " ..... .65 | 8 " ..... .80

**STEEL SHANK TROWEL**

Many prefer these as they are somewhat longer in blade and handle, making a very practical tool. 75c. each; doz., \$8.00.

Our Garden Tool and Sundries Department we believe to be the most fully equipped of any seed store in the United States. Most every article of real merit for horticultural work will be found here, and of the best quality.

**CLEVE'S ANGLE TROWEL**

For getting dandelion, plantain and other weeds out of the lawn, etc.

5-in....\$0.15 | 6-in....\$0.20 | 7-in....\$0.25

**MISCELLANEOUS TROWELS**

213—5-in., Thin Steel. Each, 12c.; doz., \$1.25

213—6-in., Thin Steel. Each, 15c.; doz., \$1.50

5—6-in., Heavy Steel. Each, 20c.; doz., \$2.00.

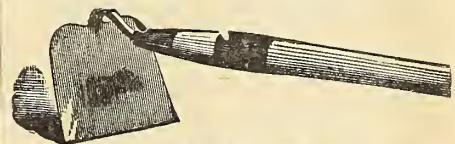
**MARKING RAKES**

These are for marking out garden rows; adjustable brass teeth which are set for any width row desired up to 4½ feet. Price, \$6.50 (Extra teeth, 55c. each.)

**HALF MOON HOES**

Best steel, solid sockets, which will not pull out.

No.	No.		
HM3—3-inch	\$0.70	HM6—6-inch	\$0.85
HM4—4 "	.75	HM7—7 "	.90
HM5—5 "	.80	HM8—8 "	.95

**SQUARE HOES**

No. G6—6-inch, solid shank..... \$0.80  
G07—7 " " " ..... .85

No. G8—8 " " " ..... .90

**SQUARE CELERY HOES**

No. 10—10-inch..... \$1.25 | K14½—14-inch, \$1.70

**WOOD TREE LABELS, ETC.**

Parcel Post Weight on Tree Labels, ½ lb. per 100.

100 ..... 1000

Iron Wired. Plain .....

..... \$0.15 \$1.00

Iron Wired.

Painted. .... 20 1.25

Copper Wired. Plain .....

..... 20 1.25

" " Painted .....

..... 25 1.55

Copper Sheet, wired..... 25c. doz.; 100, \$1.35

Zinc Sheet, wired..... 25c. doz.; 100, \$1.25

Indelible Marking Pencils..... each, 8c.

P. P. Wt.	100	1000
4 inch.....	½ lb.	\$0.15 \$1.00
4½ " .....	½ "	.18 1.10
5 " .....	½ "	.20 1.25
6 " .....	¾ "	.25 1.50
8 " .....	2 "	.60 4.50
10 " .....	2½ "	.75 6.00
12 " .....	3 "	.90 7.50
18 " for field use.....	3.75	32.50

# MICHELL'S FLOWER POTS, TUBS, Etc.

Orchid Pan Earthen Fern Pan Fern Dish Liner Seed Pan Wood Fibre Flower Vase



Cedar Tub

Keystone Tub

Earthen Flower Pot

Azalea Pot

Earthen Bulb Pan

Earthenware Saucer

Wood Fibre Saucer

Rolling Stand

## FERN DISH LINERS

Width	Depth	Each	Doz.	100
7 in.	1 1/8 in.	\$0.12	\$1.19	\$9.00

## IDEAL CUT FLOWER VASES (Galvanized Iron)

No.	Drain	Depth	Each	Doz.
1	6 in.	6 1/2 in.	\$0.65	\$6.50
2	8 "	9 3/4 "	.80	8.00
3	7 3/4 "	9 "	.80	8.00
4	9 1/4 "	12 "	1.00	10.00
5	5 1/2 "	9 "	.85	8.25
6	7 "	22 "	.90	9.00
7	8 3/4 "	13 3/4 "	1.10	10.50
8	7 3/8 "	19 "	1.35	13.00

## WOOD FIBRE FLOWER VASES

No.	Diam.	Depth	Weight	
0	8 in.	13 in.	4 lbs.	
1	5 1/2 "	10 "	2 1/2 "	
2	4 1/2 "	9 "	1 1/2 "	
3	4 "	6 "	1 1/2 "	
4	3 "	4 1/2 "	3/4 "	Price on application
00	9 "	21 "	6 "	
11	5 "	18 "	4 "	
22	4 1/2 "	15 "	2 "	
33	4 "	12 "	2 "	
44	3 "	9 "	1 "	

## PAPER FLOWER POTS

Ins.	Parcel Post per doz.	Weight per 100	100	1000
2 1/4	... 3 ozs.	2 lbs.	\$0.50	\$3.75
2 1/2	... 3 "	2 "	.60	4.25
3	5 "	2 "	.70	6.00
3 1/2	7 "	3 "	1.00	8.00
4	8 "	4 "	1.15	9.50
5	15 "	7 "	1.75	16.00
6	2 "	11 "	2.50	22.50

Special price will be quoted on paper pots f. o. b. factory.

## AZALEA POTS

	Doz.	100	1000
5 in. 4 1/2 in.	\$0.48	\$3.60	\$32.40
6 " 5 "	.72	5.40	48.60
7 " 6 "	1.19	9.00	81.00
8 " 7 "	1.72	13.00	117.00

## EARTHEN BULB PANS

Each	Doz.	100	1000
6 inches.....	\$0.07	\$0.72	\$5.40
7 "	.11	1.19	9.00
8 "	.16	1.72	13.00
9 "	.24	2.64	20.00
10 "	.33	3.57	27.00

## POT HANGERS

Wgt.	Each	Doz.	100
Krick's No. 1. 3 to 5-in. pots..	1 lb.	\$0.03	\$0.35

Krick's No. 2. 6 and 7-in. pots..	1 lb.	.04	.40	3.00
-----------------------------------	-------	-----	-----	------

Krick's No. 3. 8 to 10-in. pots..	1 lb.	.05	.45	3.50
-----------------------------------	-------	-----	-----	------

DISCOUNT on EARTHEN Flower Pots, Bulb Pans and Saucers is 5 per cent. for cash with order or if paid in 15 days from date of bill. All earthenware shipped at buyer's risk. All prices on earthenware are f. o. b. Philadelphia. In some instances arrangements can be made for delivery by auto truck direct from pottery at a special charge for hauling.

## EARTHENWARE SAUCERS

	Doz.	100
4 inches.....	\$0.10	\$1.35
5 "	.27	1.80
6 "	.40	2.70
7 "	.53	3.60
8 "	.73	4.95
9 "	1.00	6.75
10 "	1.19	8.10
11 "	1.36	9.90
12 "	1.79	12.15
14 "	2.97	20.25

## WOOD FIBRE SAUCERS

Parcel P.	Wht.	Each
5 inches.....	1/4 lb.	
6 "	1/4 "	
7 "	1/2 "	
8 "	1/2 "	
9 "	3/4 "	Prices upon application
10 "	3/4 "	
12 "	1 1/4 lbs.	
14 "	1 1/2 "	
16 "	2 "	
18 "	2 1/2 "	

## ROLLING STANDS (Wood Fibre)

Parcel Post	Will Fit	Pot Tub
12.....2 lbs.	10 in.	
14.....2 1/2 "	12 "	No. 8
16.....3 "	14 "	8
18.....3 1/2 "	16 "	7-6
20.....		5
22.....		4

Rolling stands sold complete only.

## ORCHID PANS (Earthen)

	Each	Doz.
4 inches.....	\$0.09	\$0.90
5 "	.12	1.35
6 "	.18	1.60
8 "	.25	2.25
10 "	.40	4.00
12 "	.60	6.00

## EARTHEN FERN PANS

Width	Height	Each	Doz.	100
4 in.	1 1/8 in.	\$0.04	\$0.40	\$3.00
4 3/4 "	2 1/8 "	.05	.53	4.00
5 1/2 "	2 1/4 "	.06	.66	5.00
6 1/4 "	2 1/2 "	.08	.80	6.00
7 "	2 5/8 "	.09	.93	7.00
8 "	3 1/8 "	.12	1.32	10.00
9 "	3 1/4 "	.15	1.59	12.00

## EARTHEN FLOWER POTS

Height and Width Inside	Doz.	100	1000
1 inch.....	\$0.12	\$0.90	\$8.10
1 3/4 "	.10	.75	6.75
2 "	.10	.75	6.75
2 1/4 "	.12	.85	7.65
2 1/2 "	.14	1.00	9.00
3 "	.18	1.30	11.70
3 1/2 "	.22	1.60	14.40
4 "	.27	2.00	18.00
4 1/2 "	.36	2.70	24.30
5 "	.48	3.60	32.40
5 1/2 "	.60	4.50	40.50
6 "	.72	5.40	48.60
6 1/2 "	.96	7.20	64.80
7 "	1.72	13.00	81.00
8 "	2.64	20.00	180.00
9 "	3.57	27.00	243.00
10 "	5.28	40.00	360.00
11 "	7.26	55.00	495.00
12 "	11.88	90.00	810.00

## CEDAR TUBS

Equipped with Strong Iron Hoops These are made by hand, of the very best white cedar painted green.

Outside Diam.	Length outside	Black Iron Hoop
No. 0.....27 in.	24 in.	\$10.90
No. 1.....25 "	22 "	9.75
No. 2.....23 "	20 "	8.80
No. 3.....21 "	18 "	7.60
No. 4.....19 1/2 "	16 "	5.95
No. 5.....18 "	14 "	5.25
No. 6.....16 1/2 "	13 "	4.75
No. 7.....15 "	12 "	4.05
No. 8.....12 "	10 "	3.25

## MICHELL'S KEYSTONE PLANT TUBS

Made of white cedar, painted green and bound with strong wire hoops. Handles are sold separately at 8c. per pair.

No.	Inside Diam.	Depth	Each	Doz.	100
1.....6 in.	6 in.	6 in.	\$0.65	\$7.00	\$54.00
2.....7 "	7 "	7 "	.70	7.25	56.00
3.....8 "	8 "	8 "	.75	8.00	61.00
4.....9 "	9 "	9 "	.80	8.75	67.00
5.....10 "	9 "	9 "	.90	9.95	76.00
6.....11 "	10 "	10 "	1.00	11.00	95.00
7.....12 "	11 "	11 "	1.10	11.50	115.00
8.....13 "	12 "	11 "	1.30	14.90	145.00
9.....14 "	13 "	12 "	1.75	18.95	145.00
10.....15 "	14 "	13 "	2.05	21.85	
11.....16 "	15 "	14 "	2.20	22.75	
12.....17 "	16 "	15 "	2.45	26.65	
13.....18 "	17 "	16 "	2.95	31.95	
14.....19 "	18 "	17 "	3.50	38.25	
			4.20	45.60	
			No. 2 Special Pail Tub, 10 3/4-in. diam.; 8-in. deep. 65c. each; doz., \$6.40; \$50.00 per 100.		

All Prices Subject to Market Changes Without Notice

(hb)

# MICHELL'S SUNDRIES FOR FLORISTS, Etc.

69

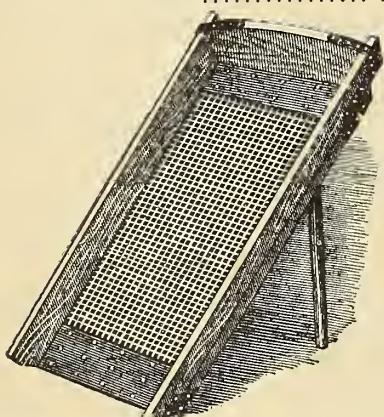
## THE CLARK WAGON HEATER

This indestructible steel wagon heater is admirably suited to the needs of all who operate delivery wagons for goods subject to freezing. It yields a strong, steady heat without smoke or odor. Strong, safe and practical. Price, \$2.50 each.

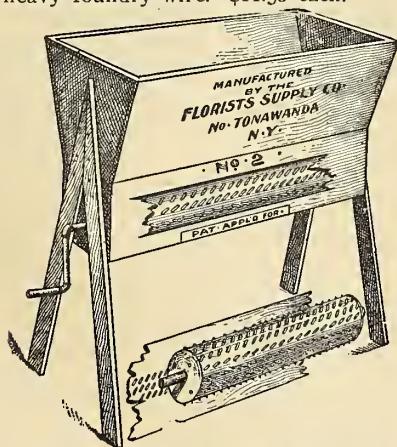


## SIEVES (ANY SIZE MESH)

Made extra well, of galvanized wire and hard wood.  
20 inch Foundry (extra heavy).....\$1.25  
20 " Regular wire.....1.10  
18 " " " .....1.00



**Large Upright Sieve** for soil, gravel, sand, etc. Made in any size mesh, of extra heavy foundry wire. \$11.50 each.



## Soil Crusher and Sod Pulverizer

The machines are equipped with a hopper, and a roller, the latter being spiked. It is turned by means of a handle and crushes the soil perfectly, avoiding necessity to sift. No. 1, \$16.00 | No. 2, \$21.00 | No. 3, \$31.00

We can also supply Wolff's Automatic Soil Sifters. Write for prices.

## Liquid Manure Distributor (See Opposite)

This can be attached to hose with which you are watering and, connected with a barrel of liquid manure, the suction of water will draw a quantity of manure with it. All Brass.

Price, \$3.25 each. (Parcel Post Weight, 2 lbs.)

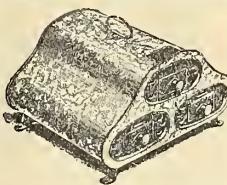
## WAGON AND AUTOMOBILE HEATERS

These heaters will keep the temperature above freezing in most any ordinary closed vehicle during the severest weather.

	Each
2. Single drawer, 14 in. long.....	\$3.50
7B. 20 in., single drawer, Brussels carpet .....	5.00
10. Three drawers. (See cut.) .....	8.50

**Lehman Coal for Wagon Heaters.** 85c. per doz. bricks; per 100, \$6.25.

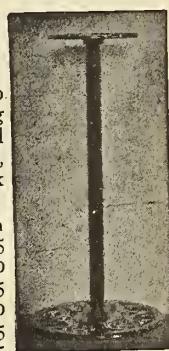
**Tongs for Handling Hot Coals.** 35c.



## IRON PLANT STANDS STAR STYLE

Somewhat similar to the "Superior," excepting that they are not fitted with the tilting device, and are finished in black varnish.

Height	Each
12 inches.....	\$1.25
18 " .....	1.40
24 " .....	1.75
30 " .....	2.00
36 " .....	2.15
42 " .....	2.25



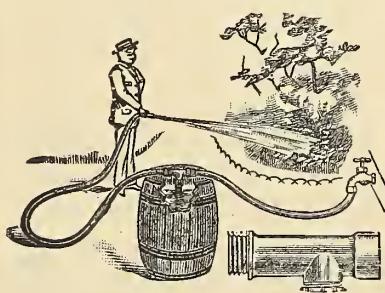
## SUPERIOR STYLE

Can be tilted to set your plants at any angle desired to produce the proper decorative effect. Enamored green.

	Size of Plates	Price Each
12 inch.....	5 x 7	\$1.25
18 " .....	5 x 7	1.40
24 " .....	8 x 10½	2.00
30 " .....	8 x 10½	2.25
36 " .....	8 x 10½	2.50
42 " .....	8 x 10½	2.65
48 " .....	8 x 12	2.85
60 " .....	8 x 12	3.00
72 " .....	8 x 12	3.25

## EXTRA PLATES FOR IRON STANDS

	For Superior	For Star
5 inch.....	\$0.40	\$0.40
7 " .....	.55	.55
8 " .....	.70	..
10½ " .....	1.00	.70
12 " .....	1.20	..



Liquid Manure Distributor

All Prices subject to Market Changes

## WHEELBARROWS

### MICHELL'S SPECIAL GREENHOUSE

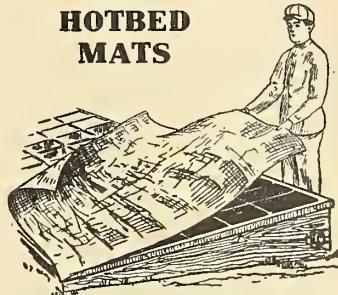
This is a very narrow barrow, designed for use in aisles of a greenhouse. Box measures inside 14 ins. in front, 17 ins. in back, and 12 inches deep. Handles, 4 feet, 8 inches long. Spread of handles at hand hold 20 inches, which is extreme width of barrow. Furnished in 18-inch diameter wheel. Nicely painted and striped. Price, each, \$9.00.

### OTHER WHEELBARROWS

No.	Tire in.	Length in.	Depth in.	Width in.	Price
Eastern	3 1½	28	11	22	\$5.50
"	4 3	26 1/4	11 1/2	27	6.50
"	5 3	28 1/4	11 3/4	27	6.75
Boy's size	2 2	21 3/4	9 1/4	20	5.00
Canal—Side dump (bolted)					4.25

The "Eastern Style" is substantially built, carefully braced and bolted, just the kind of a barrow you would expect to give you long, faithful service.

## HOTBED MATS



The "Drill Style" are the best mats that it is possible to procure. They are padded with shoddy. Rats and mice do not harbor in them, and they are otherwise practically indestructible.

**Plain Drill.** 76x76 inches, covering two regular size sash. Each, \$3.25; doz., \$36.00.

**Plain Drill.** 40x76 inches, for one sash. Each, \$2.00; doz., \$22.50.

**Straw Mats.** 3x6 feet.....\$1.20 \$13.50  
" 6x6 feet ..... 1.75 19.50

At the present time it is not possible to furnish the Duck and Burlap style mats as formerly made.

**Waterproof Drill.** 40x76 inches. \$2.25 each; doz., \$26.00.

**Waterproof Drill.** 76x76 inches. \$3.75 each; doz., \$40.00.

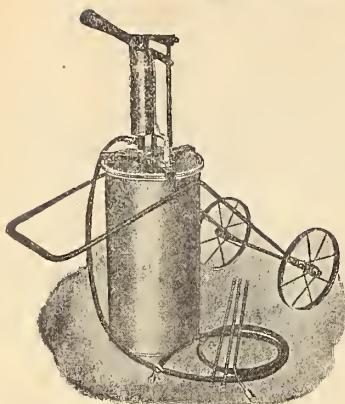


## GREENHOUSE BROOM

Made of Japanese Fibre. No wear out to it. Price, 80c. each; 2 for \$1.50.

(hb)

# Michell's Horticultural and Agricultural Accessories



No. 3 Paragon Sprayer

## THE PARAGON SPRAYER

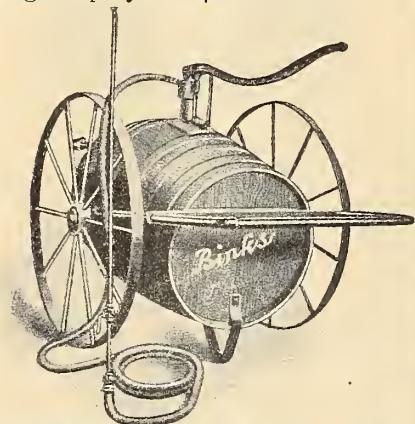
Especially desirable for the reason that it is not necessary to strain the material. Excellent for applying whitewash or cold water paint.

No. 1—With a 5-gal reservoir, 5 ft. of hose and 2 extension pipes, \$15.00.

No. 3—Equipped with a 12-gal. tank mounted on a truck, three 2½-ft. extension pipes, 2 nozzles and 10 ft. of hose, \$21.00.

No. 4—Mounted on a two-wheel truck; equipped with 10 ft. of extension pipe, 20 ft. of hose and 2 nozzles. Complete, \$28.00.

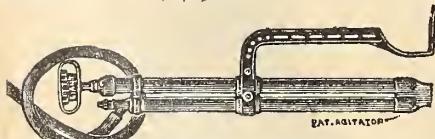
**Extra Washers** for pump plungers for Paragon Sprayers. 40c. each.



## BINKS SPRAYER No. 15

Wherever it is impossible to get about with a team and wagon the above outfit is recommended very highly. Outfit consists of a 30-gallon barrel with 32-inch wheels. The pump is securely attached to barrel by a clamping device.

Complete as illustrated, with 10 feet ½-in. hose; ½-in. cock spray and spray nozzle. Price, \$29.00.



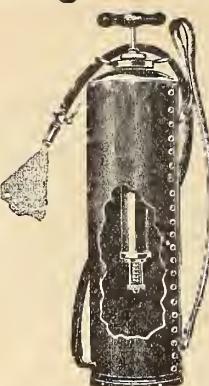
## MYER'S BUCKET PUMP

This is a double brass chamber arrangement, and fills the want of those desiring a medium-priced sprayer.

Price, \$4.75, including hose and nozzle.

## No. 2 BINKS COMPRESSED AIR SPRAYER

Galvanized steel tank, 5 gallons capacity. Brass pumps with a patent clamping device, equipped with 3 feet of hose, spray nozzle shut off cock and shoulder strap. P. P. weight, 15 lbs. Price, \$7.50.



## THE AUTO SPRAY



Auto Spray in Operation

No. 1-A **Brass** equipped with hose and regular nozzle, \$9.50.

No. 1-B **Brass** equipped with hose and Auto-Pop Attachment, \$9.90.

No. 1-C **Galvanized Iron** equipped with hose and regular nozzle, \$6.30.

No. 1-D **Galvanized Iron** equipped with hose and Auto-Pop, \$6.75.

**Auto-Pop Nozzle Attachment** controls the flow instantly by a pressure of the hand. When Auto-Pop Attachment is purchased separately, \$1.60 each. P. P. weight, 1 lb.

## KNAPSACK SPRAYERS

**Deming's.** Fig. 675. Copper tank, holding about 5 gals., complete, with pump, nozzle and hose. Price, \$22.50.

**Deming's.** Fig. 564. Galvanized tank, holding about 5 gals., complete, with pump, nozzle and hose. Price, \$13.50.

## SPRAY BUCKET PUMPS

These are made entirely of brass except the foot rest, bucket fastener and hand grip. For years we have sold them with entire satisfaction. The prices below do not include bucket, but include nozzle and 3½ feet of ¾-in. hose.

No. 256 **Success** (without bucket fastener), \$6.50.

No. 689 **Perfect Success** (with bucket fastener), \$7.50.

## THE GOULD LINE OF POPULAR SPRAY PUMPS

This make of spray pump has been favorably regarded among gardeners, farmers and fruit growers for years. The variety is great enough to fill every special and everyday need.

### GOULD'S MONARCH

#### 2-Cylinder Hand Power Pump (Fig. 1506)

This equipment is designed to be mounted on a platform for stationary use or for transporting on a wagon, sled or other means; it is probably the best of its class and is a pump that will last a lifetime with reasonable care. Plain Pump, No. O, price, \$33.75.

**Outfit C.**—Equipped with 5-ft. suction hose and strainer and 1 lead 15-ft. ½-in. special spray hose and 1 Mistry Jr. Nozzle. Price, \$41.50.

**Outfit D.**—Same as Outfit C, except the equipment is 2 leads of hose and 2 nozzles. Price, \$47.50.

**Pomona.** No. 1100. Plain barrel pump. \$19.80.

**Pomona.** No. 1100. Outfit C, with agitator 15 ft. ½ special spray hose, and 1 Mistry Jr. Nozzle. Price, \$23.40.

**Pomona.** No. 1100. Outfit D, with agitator, and 2 15-ft. leads of special ½-in. spray hose and 2 Mistry Jr. Nozzles. Price, \$27.00.

**Gould's Fruitall.** Fig. 1188. Plain barrel pump. \$10.80.

**Gould's Fruitall.** Fig. 1188 (Outfit C), with agitator and 1 15-ft. lead of ½-in. special spray hose and 1 Mistry Jr. Nozzle. \$14.40.

**Gould's Fruitall.** Fig. 1188 (Outfit D), with agitator and 2 15-ft. leads of ½-in. special spray hose and 2 Mistry Jr. Nozzles. \$18.00.

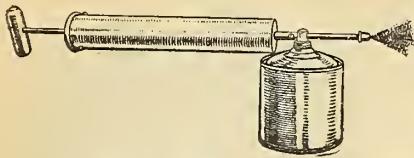
**Gould's Standard.** Fig. 905½. Plain barrel Pump. \$9.90.

**Gould's Standard.** Fig. 905½ (Outfit C), without agitator, but with strainer and 1 15-ft. lead special spray hose and 1 Mistry Jr. Nozzle. \$13.50.

**Gould's Standard.** Fig. 905½ (Outfit D); same as Outfit C, but equipped with 2 15-ft. leads of hose and 2 nozzles. Price, \$17.10.

# MICHELL'S HORTICULTURAL and AGRICULTURAL ACCESSORIES

71



## HAND SPRAYERS

**Automatic (Compressed Air).** See cut.  
Very easily operated.

Tin.....each, \$1.00 | Brass.....each, \$2.00

**Cyclone Sprayer.** Similar to the above, but with no automatic air reservoir. Tin, small, each, 30c.; tin, large, each, 50c.; brass, each, \$1.10.

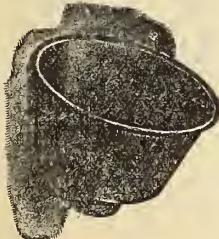
## LEWIS' SHEET BRASS SYRINGE

Capacity about 1 quart, \$2.25.  
Parcel post weight, 2½ lbs.



## HEAVY BRASS SYRINGES

No.	Diam.	Lgth.	P. P. Wt.	Price
99	— $1\frac{1}{2}$ "	18"	1 $\frac{3}{4}$ lbs.	\$3.00
101	(or No. 2)	— $1\frac{1}{4}$ " 14"	2 lbs.	4.50
	sprays .....	2"		
101A	(or No. 9)	— $1\frac{1}{2}$ " 16"	2 lbs.	4.25
	sprays .....	2 $\frac{1}{4}$ lbs.		
104	(or No. 110)	— $1\frac{3}{4}$ " 18"	2 sprays .....	4 $\frac{1}{2}$ lbs.
		18"		6.00
107	— $1\frac{3}{4}$ " 20"	(Adjustable)	.5 lbs.	6.50



## COPPER STRAINER

For straining whitewash, spraying material, etc. \$1.25 each. P. P. weight, 1 lb.

## SPRAY NOZZLES (3/8 in. thread)

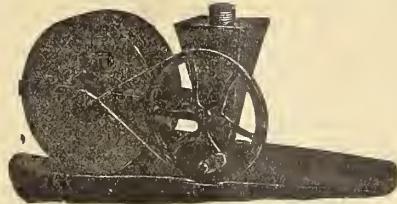
Bordeaux and Vermorel	....each, \$0.80
Mistry, Jr.	.85
Winkle Mist	.70
Paragon style	.30
Duplex Vermorel (2 nozzles)	1.60
Triple Vermorel (3 nozzles)	2.25
Quadruple Vermorel (4 nozzles)	2.70
Duplex Mistry (2 nozzles)	2.75

For 3/4-in. connections, add 30c.

## EXTENSION PIPES, Etc.

For reaching into trees (3/8-in. threads).

<b>Bamboo,</b> with brass tube, 8 ft.	....\$3.00
" " " 10 ft.	3.75
<b>Galv. Iron,</b> 2 ft., for Auto Sprays	.40
<b>Brass,</b> 2 ft., for Auto Sprays	.50
<b>Pet Cock,</b> for extension pipes	.70
Fig. 1437— <b>Bamboo</b> Steel lined, 10 ft. long, complete with stop cock and coupling for hose.	\$4.50 each.
Fig. 1437—As above, 12 ft. long.	\$4.75 each.
Fig. 1437—As above, 10 ft. long, but an aluminum lining, making it a very light apparatus to handle.	\$4.75 each.



## SULPHUR BLOWER

For distributing sulphur and insecticides of various kinds. Made of heavy metal with no wearout to them. A man can dust a very large house in a few minutes, using one of these blowers. Price, \$5.00.

## PARIS GREEN SHAKERS

**Tin.** For dusting vegetables, potatoes, small fruit and shrubbery, 50c. each. P. P. weight, 2 lbs.

**Farmer's Favorite.** (See cut.) Large double-action affair, \$2.10 each. P. P. weight, 4 lbs.

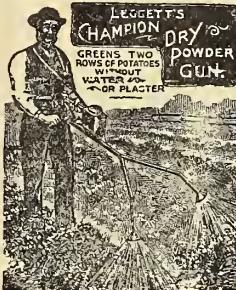
**"Acre an Hour"** Sifter. 75c. each. P. P. weight, 2 lbs.



**Dicky Duster** (see cut). Excellent for distributing Bug Death, Slug Shot, etc. Price, 45c.; P. P. wt., 1 lb.

## CHAMPION GUN

For distributing dry insecticides, of all kinds, indoors or out. Will save its price in material the first few months of use. Price, \$11.00.



## BELLOWS

Large Double Cone	....5 lbs	\$5.25
Large Single Cone	....3 "	3.50
Small Single Cone	....2 "	2.25
Liquid Spraying—small	\$2.75	large 3.50
Sulphur Bellows	....	2.75

## VAPORIZING LAMP

Practical and indestructible, all metal, burns kerosene, used for dispensing fumes of Nikoteen, Nico Fume and other preparations of this sort. 75c. each; doz., \$8.00. P. P. weight, 1 lb.



## FUMIGATORS

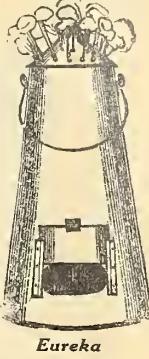
Perfection Make

Fitted with a Water Tank to prevent burning out.

No.		
1	for house, 12 x 40 ft.	\$4.50
2	" 15 x 100 ft.	5.25
3	" 20 x 100 ft.	6.25
5	" 20 x 150 ft.	7.50

Eureka Make

No.		
1	for house, 10 x 40 ft.	\$2.50
2	" 15 x 50 ft.	3.00
3	" 15 x 100 ft.	3.75
4	" 20 x 100 ft.	4.50

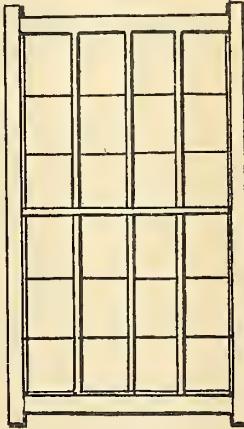


## HOT BED SASH

Made of best quality cypress, 1 $\frac{3}{4}$  in. thick; 3 ft. 1 $\frac{1}{2}$  in. wide, 6 ft. long. Made for 8 x 10 in. glass, 4 lights wide, bedded in putty.

**Plain,** regular style, not glazed or painted.

Each, \$2.80; \$30.00 per doz.



**Glazed,** regular style, including painting and puttying. Each, \$6.00; \$70.00 per doz.

All glazed sash are shipped at purchaser's risk, although we pack very carefully to insure safe arrival.

## SUNLIGHT SASH (Double Glass)

Plain Unglazed, each, \$3.00; doz., \$33.00. Glazed and Painted, each, \$7.00; doz., \$80.00.

**Packing Charges** on Regular Style and Sunlight Glazed Sash, 35c. per sash.

## WIRE BASKETS

Complete with Hanger.

These are extra well made and will last many years.

If florists would carry a few of these filled with assorted plants suited to the purpose it would often suggest a sale that is otherwise not made, and besides a filled hanging basket is a great attraction.

Each	Doz.	100
8 in.	\$.20	\$2.00
10 "	.35	3.50
12 "	.45	4.50
14 "	.60	6.25
16 "	.70	7.00

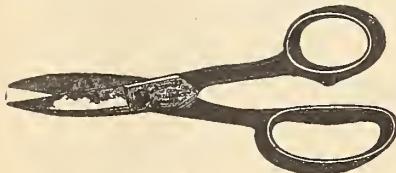
Six Wire Hanging Baskets of a size at dozen rate; 50 at 100 rate.

# MICHELL'S SUNDRIES FOR FLORISTS



## SPRAYWELL RUBBER SPRINKLERS

For sprinkling cut flowers, seedlings, etc. Either Straight or Crook Neck.  
6 ozs. capacity..... \$0.65  
8 ozs. capacity..... .85  
10 ozs. capacity..... 1.00



## WIRE SNIPS

Each  
No. 833—7½ inches, short blade..... \$1.00  
No. 832—8 inches, long blade..... 1.00  
8 inches, heavy, P.P.Wt. 1 lb..... 1.25  
10 inches, heavy, P.P.Wt. 2 lbs. No. 12. 1.50

## PAPER FOR FLOWERS

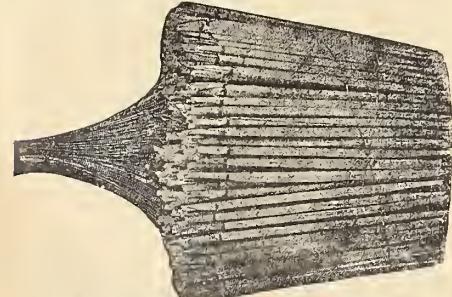
	Sheets per Ream	Lb.	Ream
<b>Manilla.</b> For wrapping..	480	\$0.14	\$3.50
<b>Manilla.</b> Tissue .....	480	.25	2.25
<b>Wax.</b> White. Best quality, 24 x 36 inches.....	480	.45	4.25
<b>Wax.</b> Green. Best quality, 24 x 36 inches.....	480	.50	4.25

## MOSS



We make a specialty of long, clean, selected sphagnum moss; florists will find the quality we furnish to be much better than the average.

**Sphagnum, Live or Green.** Peck, 30c.; 90c. per bush; per bbl., \$2.25.  
**Sphagnum, Dry.** Barrel bales, \$1.00.  
**Sphagnum, Dry.** 5-barrel bales, \$3.50 (5 bales for \$16.25.)  
**Green Lump.** Peck, 40c.; \$1.00 bush.; bbl. bag, \$2.00.  
**Green Sheet.** Per bundle, 60c.; per bale of 5 bundles, \$2.25.

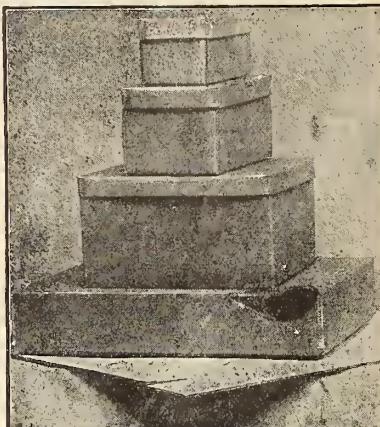


## WIRED TOOTH PICKS

As a labor saver have no equal. Furthermore, they are always ready.  
**Regular Size,** 10,000, \$2.50; 50,000, \$10.00.  
**6-inch Size,** dyed green, \$1.60 box 3,000.  
**Plain Toothpicks,** 5c. bx.; doz. bxs., 55c.

## TINFOIL

**Plain.** Put up in rolls of 5 lbs., 5 in. wide, \$1.25 per roll.  
**Plain,** in 1-lb. pkgs., 28c. per lb.; \$1.35 per 5 lbs.; \$2.60 for 10 lbs.  
**Violet Foil.** 55c. per lb.; 5 lbs., \$2.60.  
**Green Foil.** 55c. per lb.; 5 lbs., \$2.60.  
**Patent Cutter** for rolls of Tinfoil, 35c.



## CORRUGATED PAPER CUT FLOWER BOXES

Used almost exclusively for carrying and shipping cut flowers; they are lighter than wooden ones, carrying the contents as safely, will stand numerous trips, and when needed to be replaced involve small expense.

Special sizes to order in lots of not less than 100 of a kind. Price on application.

	Each	Doz.	100
48 x 14 x 8 inch.....	\$0.75	\$8.00	\$62.50
42 x 14 x 8 "	.70	7.00	52.50
36 x 14 x 6 "	.65	6.00	45.00
30 x 8 x 5 "	.50	4.50	32.50
24 x 8 x 5 "	.40	3.50	25.00

If corrugated boxes are ordered shipped there is slight charge made for packing.

## LIGHT WEIGHT PAPER BOXES

	Per Doz.	Per 100	Per 1000
16 x 4 x 3 inch.....	\$0.45	\$3.50	\$33.40
18 x 5 x 3 "	.50	3.95	37.60
18 x 7½ x 3½ "	.65	5.25	50.00
20 x 4 x 3 "	.50	3.85	36.60
21 x 5 x 3½ "	.55	4.50	42.80
21 x 8 x 4 "	.80	6.38	60.60
23 x 7 x 3½ "	.75	6.05	58.50
24 x 5 x 3½ "	.60	5.15	49.05
24 x 6 x 4 "	.75	6.05	58.50
24 x 8 x 4 "	.90	6.95	61.76
24 x 8 x 5 "	.95	7.70	73.15
30 x 5 x 4 "	.85	6.70	63.80

## HEAVY WEIGHT PAPER BOXES

	Per Doz.	Per 100
23 x 12 x 5 inch.....	\$1.70	\$13.75
28 x 8 x 4 "	1.30	10.15
28 x 8 x 5 "	1.60	11.25
30 x 9 x 4 "	1.60	11.25
30 x 9 x 6 "	1.75	13.50
30 x 12 x 6 "	1.90	15.00
30 x 14 x 6 "	2.75	21.45
36 x 6 x 5 "	1.60	12.75
36 x 8 x 5 "	1.75	13.75
36 x 12 x 6 "	2.20	16.50

**SPECIAL NOTE.**—If customers desire boxes printed this can be done very readily. There is no charge when the order amounts to 500 or more in one or assorted sizes; if less are ordered the charge for printing in one color is \$1.50 for the lot.

We can also supply Violet Boxes, green and grey felt board boxes.



## CARNATION MENDING DEVICES

**Staples.** For calyx mending. 35c. per 1,000, 5,000 for \$1.50, \$2.80 for 10,000, 25,000 for \$6.50, \$12.50 for 50,000.

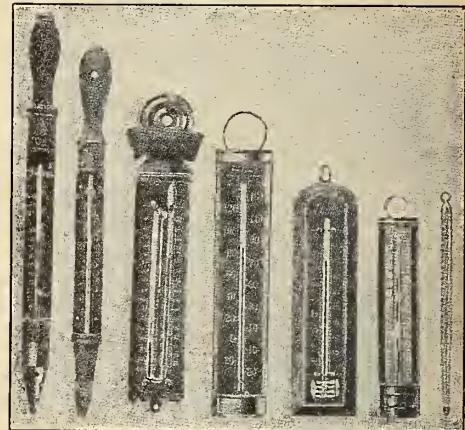
**Rubber Bands.** Ounce, 25c.; ¼ lb., 85c.; ½ lb., \$1.60; 1 lb., \$3.00.

**Bauer Carnation Outfits**

Pliers and 1,000 clips, \$2.50.

Pliers, each, \$2.00.

Clips, 65c. per 1,000; postpaid, \$3.00 per 5,000.



## THERMOMETERS

**Maximum and Minimum.** Registering the coldest and the warmest points during the previous night. 8-inch, each, \$3.25; 10-inch, each, \$3.75.

**Tested Grade.** These thermometers are accurate and may be depended upon.

	Each	Doz.
No. 5420B—8 in., Tin Case	..\$0.60	\$6.25
No. 5420B—10 "	.. 75	8.00
No. 5420B—12 "	.. 85	9.25
No. 5100—8 in., Wood Back, Black Scale	.....	1.50
No. 5100—10 in., Wood Back, Black Scale	.....	1.75

**Standard Grade.** White scale, tin case; very reliable.

No. 5420W—8 in ..... \$0.50 \$5.00  
No. 5420W—10 " ..... .60 6.25

## HOTBED THERMOMETER

No. 2—Galvanized Iron Point, each, \$2.00

## THERMOSTATS

No. 1—**Thermostat.** This will be found far more reliable than the old method of having a thermometer attached to an ordinary thermostat and bell. Furnished complete with the exception of wire, battery and bell. All brass. **Not waterproof style,** G. H. 3, \$10.00; G. H. 4, **waterproof style,** \$15.00.

## MICHELL'S WIRE DESIGNS

Carefully and  
Substantially Made

WHEN ORDERING PLEASE STATE NUMBER AND SIZE

We make a slight charge at actual cost for packing Wire Designs, on account of the small profit on which they are sold.

## ANCHORS—FLAT.

No. 1.

10 inch...each	\$0.15	20 inch...each	\$0.30
12 " " "	.18	22 " " "	.35
14 " " "	.20	24 " " "	.45
16 " " "	.25	30 " " "	.85
18 " " "	.30	36 " " "	1.40

## ANCHORS ON BASE.

No. 3

## STANDING ANCHORS.

Measure not including base.

10 inch...each	\$0.25	20 inch...each	\$0.60
12 " " "	.30	22 " " "	.70
14 " " "	.35	24 " " "	.80
16 " " "	.45	30 " " "	1.75
18 " " "	.50	36 " " "	2.50

## ANCHOR AND CROSS.

No. 13.

12 inch...each	\$0.25	21 inch...each	\$0.50
15 " " "	.30	24 " " "	.55
18 " " "	.35		

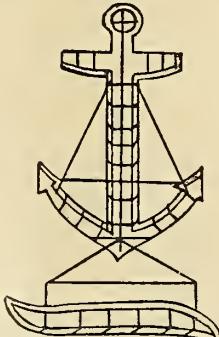
## ANCHOR AND CROSS STANDING.

Measure not including base.

12 inch...each	\$0.40	21 inch...each	\$0.60
15 " " "	.50	24 " " "	.80
18 " " "	.55		

## ANCHOR ON RECLINING STAND.

No. 2.



12 inch...each	\$0.50	20 inch...each	\$0.70
14 " " "	.55	22 " " "	.90
16 " " "	.60	24 " " "	1.25
18 " " "	.70		

## CROSSES (FLAT) No. 74.

10 inch.....each	\$0.10
12 " " "	.12
14 " " "	.15
16 " " "	.18
18 " " "	.20
20 " " "	.25
22 " " "	.30
24 " " "	.35
26 " " "	.40
28 " " "	.45
30 " " "	.50
32 " " "	.55
34 " " "	.60

For moss, tinfoil and toothpicks, see page 72.  
For stemming wire, see page 74.

## CROSSES ON STAND.

No. 75.

10 inch...each	\$0.20	22 inch...each	\$0.50
12 " " "	.25	24 " " "	.55
14 " " "	.30	26 " " "	.75
16 " " "	.35	30 " " "	1.10
18 " " "	.40	36 " " "	1.65
20 " " "	.45		

## CROSSES, FLAT SLANTING.

12 inch...each	\$0.12	22 inch...each	\$0.35
14 " " "	.15	24 " " "	.40
16 " " "	.20	26 " " "	.45
18 " " "	.25	30 " " "	.55
20 " " "	.30	36 " " "	.75

## CASKET CROSSES.

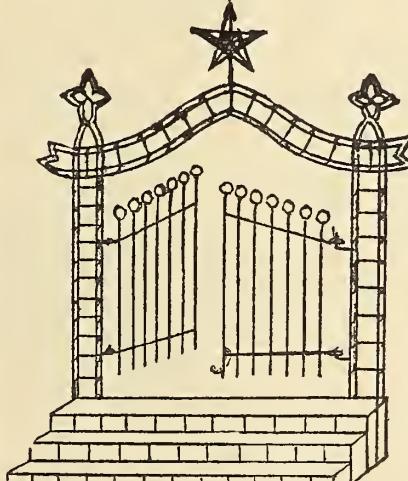
No. 71.

12 inch...each	\$0.20	24 inch...each	\$0.50
14 " " "	.25	26 " " "	.55
16 " " "	.30	30 " " "	.65
18 " " "	.35	34 " " "	.75
20 " " "	.40	36 " " "	1.00

CROSS ON RECLINING STAND,  
WITH LETTERING FRAME.

No. 78.

12 inch...each	\$0.40	24 inch...each	\$1.10
14 " " "	.50	26 " " "	1.25
16 " " "	.65	28 " " "	1.40
18 " " "	.75	30 " " "	1.75
20 " " "	1.00		



## GATES AJAR.

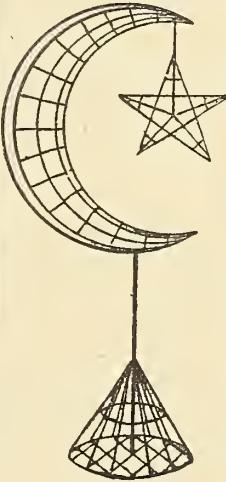
## No. 113. Single Gates.

Whole Heights, Steps and Star, include measure.

15 inch high, 1 step.....	each \$1.25
18 " " " I	.....
21 " " " 2 steps.....	1.30
24 " " " 2 " .....	1.45
27 " " " 2 " .....	1.75
30 " " " 3 " .....	2.00
33 " " " 3 " .....	3.00
	3.25

## CRESCENT.

No. 58.



8 inch..each	\$0.15
10 " " "	.20
12 " " "	.25
14 " " "	.30
16 " " "	.35
18 " " "	.40
20 " " "	.45
22 " " "	.50
24 " " "	.60

## CRESCENT AND STAR ON STAND.

No. 61.

10 inch..each	\$0.35
12 " " "	.40
14 " " "	.50
16 " " "	.60
18 " " "	.70
20 " " "	.80
22 " " "	1.00
24 " " "	1.15

## EASELS

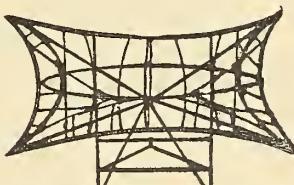
No. 92.

A very pretty Stand for Designs.

15 inch...each	\$0.15	27 inch...each	\$0.35
18 " " "	.20	30 " " "	.40
21 " " "	.25	36 " " "	.45
24 " " "	.30		

## HORSE SHOES No. 129.

12 inch...each	\$0.15	24 inch...each	\$0.40
14 " " "	.18	26 " " "	.55
16 " " "	.20	28 " " "	.65
18 " " "	.25	30 " " "	.75
20 " " "	.30	33 " " "	.90
22 " " "	.35	36 " " "	1.10



## PILLOWS—FLAT No. 169.

10 inch...each	\$0.15	20 inch...each	\$0.40
12 " " "	.20	22 " " "	.45
14 " " "	.25	24 " " "	.50
16 " " "	.30	26 " " "	.55
18 " " "	.35	28 " " "	.65

## WREATHS No. 220.

8 inch...each	\$0.10
10 " " "	.12
12 " " "	.15
14 " " "	.20
16 " " "	.25
18 " " "	.30
20 " " "	.35
22 " " "	.45
24 " " "	.50

**CARNATION SUPPORTS**

	Doz.	100	1000
Model, 2-ring .....	\$0.85	\$5.75	\$52.50
" 3- " .....	1.15	7.75	71.00

**Extra Parts for Model Supports**

Rings, \$1.75 per 100; per 1,000, \$16.00.

Tops, \$2.75 per 100; per 1,000, \$25.00.

2-Ring Bottoms, \$3.00 per 100; per 1,000, \$27.50.

3- " " \$3.25 per 100; per 1,000, \$30.00.

**RICHMOND SUPPORT**

	Doz.	100	1000
No. 11. 29 in., 3-ring, single .....	\$0.75	\$5.00	\$45.00
" " " double .....	.85	5.75	52.50

**PLANT STAKES****No. 10 Steel Wire, Galvanized**

	Per 100 Per 1000	Per 100 Per 1000
2 foot.....	\$1.00 \$8.00	4 foot..... \$1.65 \$15.00
2½ " .....	1.10 9.25	4½ " ..... 1.80 16.50
3 " .....	1.35 11.50	5 " ..... 2.00 18.00
3½ " .....	1.50 13.00	6 " ..... 2.35 21.00

**No. 8 Steel Wire, Galvanized**

For staking American Beauty and other strong-growing roses.

	Per 100 Per 1000	Per 100 Per 1000
2 foot.....	\$1.15 \$10.77	4½ foot..... \$2.75 \$25.00
2½ " .....	1.50 13.50	5 " ..... 3.00 26.50
3 " .....	1.75 15.50	6 " ..... 3.25 30.00
4 " .....	2.50 21.00	

Price for larger sizes quoted on application.

**GREEN PAINTED TAPERING PLANT STAKES**

	Doz.	100	Doz.	100
1½ foot.....	\$0.18	\$1.08	3½ foot.....	\$0.68 \$4.50
2 " .....	.32	1.90	4 " .....	.80 5.40
2½ " .....	.40	2.70	5 " .....	.90 6.30
3 " .....	.58	3.60		

**GREEN PAINTED HEAVY OR DAHLIA STAKES**

	Doz.	100	Doz.	100
3 foot.....	\$0.78	\$5.40	5 foot.....	\$1.35 \$9.00
3½ " .....	.90	6.30	6 " .....	1.60 10.80
4 " .....	1.05	7.20		

**HYACINTH STAKES (Wood) Dyed Green**

	Per 100	Per 1000	Per 5000	Per 10,000
5 inch.....	\$0.10	\$0.55	\$2.50	\$4.25
12 " .....	.15	1.25	6.00	11.00
18 " .....	.20	1.65	8.00	15.50

**HEADQUARTERS FOR CANE STAKES**

	100	500	1000	5000
Southern, 8 to 9 ft., selected quality..	\$1.25	\$4.75	\$9.00	\$42.50
Japanese, very thin, about 6 ft. long..	1.75	6.75	12.50	....

**JAPANESE GREEN CANE STAKES**

	100	500	1000	1000
1½ foot.....	\$0.75	\$2.75	\$5.00	3 foot.... \$1.50 \$6.00 \$11.50
2 " .....	1.00	4.00	7.50	4 " .... 1.75 7.50 14.00
2½ " .....	1.25	5.50	10.00	5 " .... 2.00 8.00 15.00

**UNPAINTED STAKES OR DOWELS**

	Per 100	Per 1000
24 in. long, 3/8 in. diameter.....	\$0.75	\$6.50
24 " " 1/4 " " .....	.75	6.50
30 " " 5/16 " " .....	.90	7.00
30 " " 3/16 " " .....	.90	7.00
36 " " 5/8 " " .....	1.25	11.00
36 " " 1/4 " " .....	.90	7.00
36 " " 3/8 " " .....	.90	7.00
42 " " 3/16 " " .....	1.00	7.00
42 " " 5/16 " " .....	1.10	7.50
42 " " 1/4 " " .....	1.00	7.00
42 " " 3/8 " " .....	1.00	7.00
42 " " 5/8 " " .....	1.50	12.00

The above dyed green, 20c. per 100, or \$1.50 per 1,000 additional.

**SQUARE PAINTED PLANT STAKES**

	Doz.	100	Doz.	100
1½ feet... \$0.18	\$1.35	3½ feet... \$0.85	\$6.30	
2 " ... .25	2.05	4 " ... 1.10	7.65	
2½ " ... .42	3.15	5 " ... 1.40	10.80	
3 " ... .75	5.40	6 " ... 1.75	12.60	

**STAKE FASTENERS**

Eureka.	Light, \$1.00 for 500; 1,000, \$1.80.
Everlasting.	Heavy, \$2.00 per 500; 1,000, \$3.50.

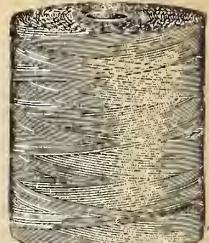
**Florists' Special Twine**

(See Cut)

For tying up flower boxes, designs, etc. Very attractive. Color, Nile green; in 1-lb. spools, 80c.; 5 lbs., \$3.75.

**Raffiatape**

This article is made of a composition of paper and linen, and is tremendously strong. It is about 1/8 in. broad, and is put up in 250-yd. spools or reels. There is no waste, as the reel permits it to be hung from a buttonhole, and it can be used as needed. Per bolt of 250 yards, 75c.; 6 bolts, \$4.25; \$8.25 for 12 bolts.

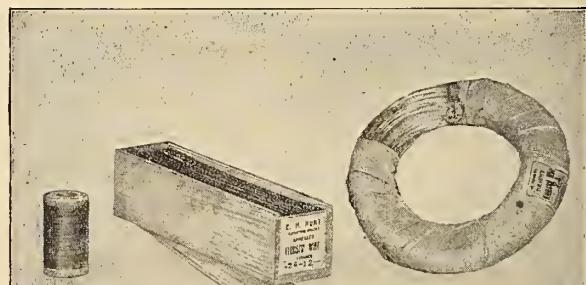
**Twines, Etc.**

Per Ball Per lb.

	Per Ball	Per lb.
No. 12. Light Italian Twine....	\$0.30	\$0.55
No. 18. Medium Italian Twine.	.25	.50
No. 24. Heavy Italian Twine...	.25	.50
No. 36. Heavy Italian Twine..	.25	.50
2-Ply, 3-Ply, 5-Ply Jute.....	.20	.40
Linen Bouquet, 3 lbs., \$2.60....	.15	.90
Boston Linen, 2- and 3-Ply....	.35	.65
Green Sea Island .....	.15	1.10
Jefferson 3-Ply, White Cotton..	.18	1.00
Tarred, for Mat Making.....	.28	...
Tarred Sisal for Fodder.....	...	.32
Binder (5-lb. ball).....	1.60	...
Express, very heavy.....	.32	...

**Green Silkaline.** For stringing Smilax and Asparagus. Fast color and will not fade; very strong and will not break. Price, F, fine; FF, medium; FFF, coarse. Per spool, 28c.; \$2.10 per lb. (8 spools).**Silkaline Substitute.** A green linen thread, very similar to Silkaline; fast color. Per 1/4 lb. spool, 35c.; per lb., \$1.35; \$6.50 for 5 lbs.**Headquarters for Raffia**

We import this direct from Madagascar representatives who make a careful selection of long, broad strands for our trade.

**Natural Color.** Supply at present is uncertain and price will be quoted on request.**Colored or Dyed.** Submit sample of shade desired. Supply at present is uncertain and price will be quoted on request.**Wire (Price subject to change)****ANNEALED**

Per 12 lb. stone

	Per 12 lb. stone	Per 12 lb. stone
No. 16.....	\$1.20	No. 16..... \$1.25
" 18.....	1.30	" 18..... 1.50
" 20.....	1.40	" 19..... 1.75
" 22.....	1.50	" 20..... 2.00
" 24.....	1.60	" 22..... 2.25

No. 19. Tinned, cut 8½ in. long, 10-lb. box..... 2.00

**Cut Bouquet Wire****For Stemming Flowers, Etc.**

No. 20. Cut 9, 12 or 18 in. long, 20c. per lb.; per box, 12 lbs., \$2.25

No. 22. Cut 9, 12 or 18 in. long, 22c. per lb.; per box, 12 lbs., 2.50

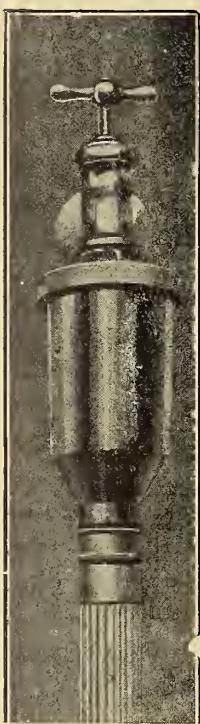
No. 24. Cut 9, 12 or 18 in. long, 25c. per lb.; per box, 12 lbs., 2.75

# MICHELL'S SUNDRIES FOR FLORISTS

75

## THE KIRKE SYSTEM

Of applying INSECTICIDES, FUNGICIDES, FERTILIZERS and SALT to plants



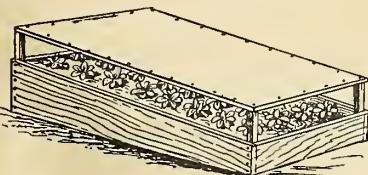
Showing how the Kirke Fertilizer and Insecticide Cartridge holder is attached to the spigot.

gardeners claim this to be one of the best means of applying insecticides and fertilizers. It requires about 5 hours to dissolve one of the cartridges, so it will be seen that the method is economical.

**Nickelized Cartridge Holder** ready to attach to any  $\frac{3}{4}$ -inch hose, \$2.50.

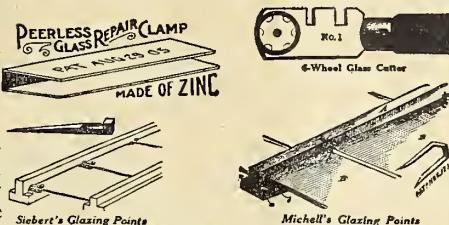
	Each	Doz.
Fertilizer Cartridges	\$0.30	\$3.00
Arsenate of Lead Cartridges	.50	5.00
Bordeaux Mixture Cartridges	.25	2.75
Tobacco Cartridges. For greenhouse use	.30	3.00
Salt Cartridges. For spraying carnations, etc.; for red spider, etc.	.12	1.35
Sulphur Compound Cartridges	.30	3.00

## SHADING OR PROTECTING CLOTH



It is admirable for summer use, protecting plants, etc., from sun and at the same time allowing ventilation.

	Yds. per Price	Price
	Piece Per Yd.	Per Pcs.
Light. Brown cloth	.60	\$0.18
		\$10.20
Medium. "	.60	.27
		15.00
Heavy. "	.40	.40
		15.00



## GLAZING POINTS

**Michell's.** Carefully made, thoroughly galvanized, can be used on right or left side of sash bar. No. 2 for single-thick glass, No.  $2\frac{1}{2}$  for double-thick glass, 70c. per 1,000; 5,000 for \$3.25; \$6.25 for 10,000.

**Peerless Glazing Points**, quite similar to the Michell Point. Nos 1 and 2 for single-thick glass, No.  $2\frac{1}{2}$  for double-thick glass. 75c. per 1,000; 5,000 for \$3.50. If Michell and Peerless Points are wanted by mail, add 10c. per 1,000 for postage.

**Pincers**, for driving Michell and Peerless Points, 50c. per pair.

**Siebert's Style Points (Zinc)**. Three sizes,  $\frac{5}{8}$ ,  $\frac{3}{4}$  and  $\frac{7}{8}$  inch, 50c. per lb.; 10 lbs., \$4.75.

**Zinc Nails**,  $\frac{5}{8}$ ,  $\frac{3}{4}$  and  $\frac{7}{8}$  inch, 45c. per lb.; 5 lbs., \$2.15. If desired by mail, allow for postage.

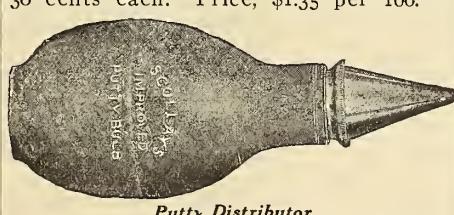
## GLASS CUTTERS

**Small Diamond**, Ebony Handle....\$2.50  
**Large Diamond**, Cocoa Handle.... 3.75  
**Single Wheel**, Steel (Doz., \$1.50).... 15  
**6=Wheel Adjustable** ..... 50



TO MEND CRACKED GLASS IMMEDIATELY AND PERMANENTLY

Made of zinc, will not rust. Will save lights of glass worth from 20 cents to 30 cents each. Price, \$1.35 per 100.



Putty Distributor

## PUTTY DISTRIBUTOR

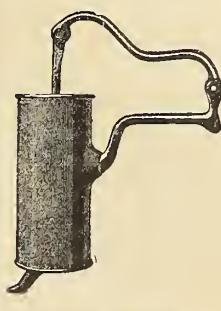
The best appliance for distributing putty. Each, \$1.25; Parcel P. Wht., 1 lb.

## MASTICA

Mastica is a prepared putty, which retains its soft qualities for a long while, making it possible to replace broken lights of glass readily.

Per gal, \$2.00; 5 gals. for \$9.75.

**Mastica Machine**, each, \$2.00



Mastica Machine

## TWEMLOW'S PUTTY

16-lb. can (1 gallon) .....	\$3.25
50-lb. kit (3 gallons) .....	9.60
80-lb. kit (5 gallons) .....	15.75

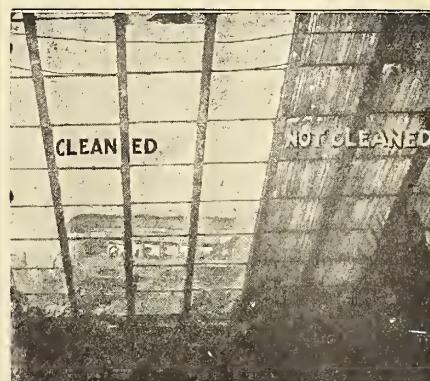
## FEDERAL ELASTIC CEMENT

For waterproofing greenhouse gutters, roofs, etc., this gives splendid satisfaction; also for making sash bars watertight. Apply with a mastica machine.

1 gal., \$1.50 | 5 gals., \$7.00 | 10 gals., \$12.50

## HAMMOND'S GREENHOUSE WHITE PAINT

1 gal.....\$3.50	5 gals.....\$17.00
3 gals.....10.35	10 gals.....32.50



The effects of using Daylite Glass Cleaner

## DAYLITE GLASS CLEANER

For taking off whitewash shading, etc. Is the most powerful cleaner on the market. Apply it with a brush, leave it on a few minutes and rinse off with cold water.

One gallon will clean about 400 to 600 square feet of glass. Price, 1 gal., \$1.60; 5 gals. for \$7.50.

## FLORISTS' SUNDRIES

**Bull Dog Clips** for fastening packages, boxes, etc. 75c. per box.

	Peck	Bu	Bbl.
Charcoal (Lump) .....	\$0.40	\$1.00	\$1.65
Cocoanut Fibre .....	.40	1.00	2.50
Leaf Mould .....	.30	.85	2.00
Pebbles .....	.50	1.25	3.25
Peat .....	.30	.85	2.00
" Orchid .....	.30	1.00	2.25
Sand. For propagating .....	.25	.75	2.25
Soil. Prepared potting .....	.25	.75	2.25
Celery Tape (Red only) 1,000 yds.,			\$6.25
Carnation Dye (Green). \$1.00 per oz.			
Grafting Wax. $\frac{1}{4}$ lb., 10c.; 15c. $\frac{1}{2}$ lb., 25c.; \$1.10 5 lbs.			
Shaderine. 5 lbs. for \$1.10; 10 lbs., \$1.85.			
Styptic. Pruning compound. \$1.00 bottle.			
Weed Killer. (Herbicide.) Qt., 55c.; gal., \$1.65; \$6.50 per 5 gals. (Michell's.) 50c. qt.; $\frac{1}{2}$ gal., 80c.; \$1.50 gal.; 5 gals., \$6.00; \$11.00 10 gals.; 30 gals., \$27.00; 50 gals., \$42.50.			

Zementine. For whitewashing and shading glass. 2 lbs., 20c.; 90c. for 10 lbs.

Pruning Compound. 50c. qt.; \$1.10 per gal.

Tree Paint. Per qt. 50c.; \$1.25 per gal.; \$5.50 for 5 gals.

76 MICHELL'S High-Grade FERTILIZERS

All Prices on  
Fertilizers Subject to  
Market Changes

PLEASE NOTE.—No smaller quantity of Fertilizer than here offered can be supplied.

**Alphano Inoculant.** A soil bacteria used in growing legumes.  
1-acre size (2 lbs.), 90c.; 10-acre size, \$7.25.

**Ashes, Canadian Hard Wood.** Apply 1,000 lbs. per acre.  
Per 25 lbs., 75c.; 50 lbs., \$1.25; 100 lbs., \$2.00; \$3.25 per  
200-lb. bbl.; ton, \$27.50.

**Ashes, Domestic Hard Wood.** Not less than 200 lbs. sold.  
200 lbs., \$2.75;  $\frac{1}{2}$  ton, \$13.00; ton, \$25.00.

**Acid, or Rock Phosphate.** Apply 1,000 lbs. per acre. \$3.50  
per 200 lb.; 1,000 lb., \$15.00; \$30.00 per ton.

**Asparagus Fertilizer** (Pure Bone and Potash). Apply 600  
lbs. per acre. In 200-lb. sacks only. 200 lbs., \$6.25; ton,  
\$62.50.

**Basic Slag.** (See Phosphate.)

**Blood (Dried).** Apply 300 lbs. per acre. 25 lbs., \$2.00; 50  
lbs., \$3.75; 100 lbs., \$7.00; 200 lbs., \$13.50; \$65.00 per 1,000  
lbs.; per ton, \$20.00.

**Blood Flour.** Apply 200 lbs. per acre. Price on application.

**Bone Meal** (Michell's Special Florists' Brand). 3 lbs., 20c.;  
5 lbs., 30c.; 10 lbs., 55c.; 25 lbs., \$1.10; 50 lbs., \$2.00; 100  
lbs., \$3.75; 200 lbs., \$7.00;  $\frac{1}{2}$  ton, \$32.50; ton, \$62.50.

**Bone Flour.** 25 lbs., \$1.35; \$2.50 per 50 lbs.; 100 lbs., \$4.50;  
200 lbs., \$8.50; 1,000 lbs., \$41.50; ton, \$80.00.

**Chrysanthemum Manure** (Thompson's Special). 28-lb. sack,  
\$4.25; 56-lb. sack, \$7.50.

**Climax Lawn Seed.** (See Lawn Sand.)

**Clay's Fertilizer.** Price on application.

**Cotton Seed Meal.** Apply 600 lbs. per acre. Price on applica-  
tion.

**Cow, or Cattle Manure** (Shredded). F. o. b. Philadelphia:  
100 lbs., \$2.75; 500 lbs., \$13.00; 1,000 lbs., \$23.50; ton, \$45.00.  
F. o. b. Chicago: 100 lbs., \$2.25; 500 lbs., \$10.00; 1,000  
lbs., \$18.00; ton, \$35.00.

**Dissolved Bone.** Apply 600 to 800 lbs. per acre. Price on  
application.

**Horse Manure** (See Manure).

**Humus** (Alphano) Prepared. For mixing in potting soil. Price  
on application.

**Horn Shavings.** 10 lbs., \$1.00; 25 lbs., \$1.75; 50 lbs., \$3.25;  
100 lbs., \$6.00.

**Kainit (Potash Salts).** Apply 800 to 1,000 lbs. per acre. Price  
on application.

**Land Plaster.** Apply 1,000 to 1,500 lbs. per acre. Per 25 lbs.,  
50c.; 50 lbs., 85c.; 100 lbs., \$1.50; 200 lbs., \$2.75; ton, \$21.00.

**Lawn Sand** (Climax). 3½-lb. tin, 50c.; 7 lbs., \$1.00; 14 lbs.,  
\$1.50; 28 lbs., \$2.75; 56 lbs., \$4.50; 112-lb. keg, \$8.25.

**Limestone** (Pulverized). Apply 1 ton per acre. Per 100-lb.  
bag, \$1.25; 1,000 lbs., \$9.50; per ton, \$17.50.

**Lime** (Hydrated or Powdered). \$125-lb. sack, \$2.00; 500 lbs.,  
\$7.50; 1,000 lbs., \$14.00; per ton, \$25.00.

**Manure, Horse, Cow or Stock Yard.** Prices quoted on re-  
quest. Carload lots only.

**Mulford's Culture.** (Bacteria for Legumes.)  $\frac{1}{4}$ -acre-size  
bottle, 50c.; per acre bottle, \$1.50; 5-acre bottle, \$5.00.

**Mapes Fertilizers.** Prices quoted on application.

**Muriate of Potash.** Price upon application.

**Nitrate of Soda.** Apply 100 to 150 lbs per acre. 5 lbs., 65c.;  
10 lbs., \$1.25; 25 lbs., \$2.50; 50 lbs., \$4.75; 100 lbs., \$9.50.  
Price for larger quantity on application.

**Plant Food** (Bowker's). Small pkgs., 15c. each; doz., \$1.75;  
100, \$14.00. Large pkgs., 25c. each; doz., \$2.75; 100, \$21.00.

**Plant Food** (Michell's). 6-oz. pkgs., 12c. each; doz., \$1.35  
per 100, \$11.00.

**Phosphate** (High Grade Ammoniated). Apply 500 to 600 lbs.  
per acre. Price on application.

**Phosphate for Corn** (Phosphate and Potash). \$5.00 per 200  
lb. sack; per 1,000 lbs., \$23.50; \$45.00 per ton.

**Phosphate** (Basic Slag). Apply 600 to 800 lbs. per acre.

**Potato Manure.** Apply 400 lbs. per acre. 25 lbs., \$1.00; \$1.75  
for 50 lbs.; 100 lbs., \$3.00; 200 lbs., \$5.50; \$25.00 per 1,000  
lbs.; ton, \$50.00.

**Poudrette** (Native Guano). Apply 1,000 lbs. per acre. 25  
lbs., 75c.; 100 lbs., \$2.00; 200 lbs., \$3.50; 1,000 lbs., \$16.00;  
ton, \$30.00.

**Salt** (Agricultural). Apply 600 to 800 lbs. per acre, 100  
lbs., \$1.50; 200 lbs., \$2.75; ton, \$22.50.

**Sheep Manure** (Wizard Brand). Apply 1,000 lbs. per acre.  
F. o. b. Philadelphia: 5 lbs., 30c.; 10 lbs., 55c.; 25 lbs., 90c.;  
50 lbs., \$1.60; 100 lbs., \$2.75; 500 lbs., \$13.00; 1,000 lbs., \$23.50;  
ton, \$45.00. F. o. b. Chicago: 100 lbs., \$2.25; 500 lbs., \$10.00;  
1,000 lbs., \$18.00; ton, \$35.00.

**Soot** (Imported Scotch). 10 lbs., 80c.; 25 lbs., \$1.50; 112 lbs.,  
\$5.50; 56 lbs., \$26.00.

**Sulphate of Ammonia.** Apply 75 to 100 lbs. per acre. Price  
upon application.

**Tankage.** 50 lbs., \$1.50; 100 lbs., \$3.00; 200 lbs., \$5.75; ton,  
\$52.50.

**Thomson's Special Flower, Vegetable and Vine Manure.** 28  
lbs., \$3.25; 56 lbs., \$6.00; 112 lbs., \$11.00.

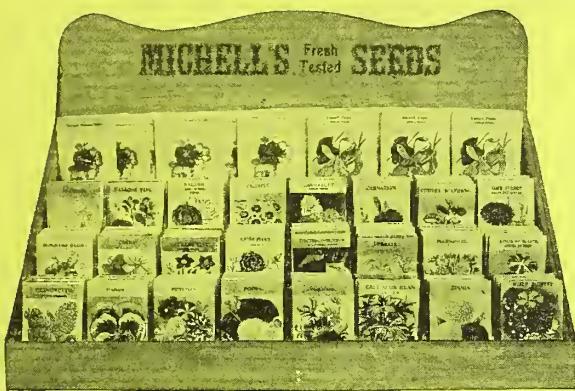
**Wheat Fertilizer.** Apply 500 to 600 lbs. per acre. Price on  
application.

**Tobacco Stems.** Bu., 60c.; per bbl. sack, \$1.25; in large bales  
at 2c. per lb.;  $\frac{1}{2}$  ton, \$16.00; ton, \$30.00.

## Order Sheet and Price List of

**MICHELL'S SEEDS etc. to Sell on Your Store Counter**

Date ..... 191



To conform to modern business practice we were obliged to discontinue the consignment business (effective January 1st, 1917) and ALL MERCHANDISE IS SOLD ON AN OUTRIGHT BASIS ONLY; NOT RETURNABLE.

Ship to \_\_\_\_\_  
Your Name \_\_\_\_\_

Care of \_\_\_\_\_

P. O., Street, or  
R. F. D. Address \_\_\_\_\_

Freight or  
Express Address \_\_\_\_\_

County \_\_\_\_\_ State \_\_\_\_\_

Charge to \_\_\_\_\_

In order to make this as attractive and profitable as we can, and with the request or suggestion that our retail prices (as quoted in our current catalogs) will be maintained, we will supply the seeds referred to below at the following prices.

SEND BY	MARK X Over the Word designating method by which shipment is desired.	FREIGHT	EXPRESS	BOAT	PARCEL POST	BAGGAGE MASTER	LOCAL EXPRESS
---------	---	---------	---------	------	----------------	-------------------	------------------

**PLEASE NOTE.**—During the period of *high* cost in producing Vegetable Seeds, it has been necessary to temporarily abolish the 5c. retail packet of Vegetable Seeds. In view of the increased selling price, we have increased the quantity of Seed in a packet; the extra price charged is to cover the cost of the labor and increased cost of lithographed paper bags. In reality we have not increased the cost of the Seed to you, as the packets contain a larger quantity.

### List of 10c. Retail Vegetable Seeds (Put up in Illustrated Lithographed Packets)

Retail price 10c per pkt. Your cost is \$5.00 per 100; per 1000, \$45.00.

No. of Pkts. Wanted	No. of Pkts. Wanted	No. of Pkts. Wanted
Beans, Bush Lima	Dandelion	Pumpkin, Crook Neck
Beans, Green Pod	Egg Plant	Radish, Black Spanish
Beans, Pole Lima	Endive	Radish, Long Red
Beans, Wax Pod	Gherkin	Radish, Long White
Beets	Kale	Radish, Round Red
Brussels Sprouts	Kohl Rabi, Purple	Radish, Round White
Cabbage, Chinese	Kohl Rabi, White	Ruta Baga, Purple Top Yellow
Cabbage, Early	Leek	Sage
Cabbage, Late	Lettuce, Curled	Salsify
Cabbage, Red	Lettuce, Head	Spinach
Cabbage, Savoy	Lettuce, Romaine	Squash, Crook Neck
Carrots, Early	Melon, Water	Squash, White Bush
Carrots, Late	Melon, Musk	Summer Savory
Cauliflower	Mustard	Sweet Marjoram
Celery	Okra	Swiss Chard
Celeriac	Onion, Red	Thyme
Chicory, Witloof	Onion, White	Tomato, Early
Citron	Onion, Yellow	Tomato, Golden Queen
Corn, Early	Parsley	Tomato, Late
Corn, Golden Bantam	Parsnip	Tomato, Yellow Pear
Corn, Late	Peas, Early	Turnip, Purple Top Flat
Corn Salad	Peas, Late	Turnip, Purple Top White
Cress, Garden	Pepper, Cayenne	Globe
Cress, Water	Pepper, Large Sweet	Turnip, Yellow Globe
Cucumbers	Pumpkin, Cheese	

We can also supply all other varieties of Vegetable Seeds as per our catalog at wholesale rates, but not in illustrated packets.

All Prices subject to change (See other side)

# Michell's Reliable Seeds, Etc., for Storekeepers Resale

## List of Flower Seeds put up in 5c. Retail Illustrated Lithographed Packets

Your cost \$3.00 per 100 Packets; per 1000 Packets \$27.50

No. of Pkts. Wanted	No. of Pkts. Wanted	No. of Pkts. Wanted
Ageratum	Cosmos	Pansy
Alyssum	Cypress Vine	Petunia
Antirrhinum	Flower Seeds, in mixture	Phlox
Aster	Forget-Me-Not	Pinks
Balloon Vine	Four O'clock	Poppy
Balsam	Gaillardia	Portulaca
Balsam Apple	Gourds	Scabiosa
Calendula	Hollyhocks	Scarlet Sage
California Poppy	Hyacinth Bean	Stocks
Calliopsis	Larkspur	Straw Flower
Candytuft	Lobelia	Sunflower
Carnation	Marigold	Sweet Peas
Castor Oil Bean	Mignonette	Sweet William
Celosia	Moonflower	Thunbergia
Chrysanthemum	Morning Glory	Verbena
Cobaea	Nasturtium, dwarf	Wild Cucumber
Cornflower	Nasturtium, tall	Zinnia

We can also supply all other varieties of Flower Seeds as per our catalog at wholesale rates, but not in illustrated packets.

## List of Flower Seeds put up in 10c Retail Lithographed Illustrated Packets

Your cost of these 10c. retail packets of Flower Seeds is \$5.00 per 100; per 1,000, \$45.00.

Alyssum (Sweet)	Hollyhock, Tall Double, Mixed	Phlox, Drummondii Grandiflora, Mixed
Antirrhinum (Snapdragon)	Larkspur, Tall Double, Mixed	Poppy, Single Shirley
Aster, Queen of the Market, Mixed	Marigold, Large African, Mixed	Portulaca, Double
Aster, Semple's Branching, Mixed	Mignonette, Machet	Portulaca, Single
Bachelor's Button (Centaurea)	Moon Flower (Ipomoea)	Salvia (Scarlet Sage)
Balsam, Double Camellia, Flowered	Morning Glory (Convolvulus)	Stocks, Dwarf Ten Weeks, Mixed
Candytuft, Giant White	Nasturtium, Dwarf Giant Flowered	Sweet Peas, Spencer, Mixed
Carnation, Marguerite, Mixed	Nasturtium, Tall Giant Flowered	Sweet William, Double
Cosmos, Giant Fancy, Mixed	Pansy, Giant Trimardeau	Verbena, Mammoth Fancy, Mixed
Dianthus, Double Japan, Mixed	Petunia, Choice Mixed	Zinnia, Giant, Mixed

These are larger packets than the 5c. size; containing more seed, and are improved flowering strains.

## Display Cases

Charged for at cost price, but these are returnable  
for credit if in good order and received by July 1st.  
charges prepaid.

No. 1. For Flower Seeds Packets only. Capacity, 100 to 150 Packets.....	\$1.50	No. 3. Combination Style for Flower and Vegetable Seeds. Capacity, 250 to 300 Packets.....	\$3.00
No. 2. For Vegetable Seeds only. Capacity, 150 to 200 Packets.....	\$2.00	No. 4. Combination Style for Flower and Vegetable Seeds. Capacity, 600 to 800 Packets.....	\$10.00

**PLEASE NOTE.**—All prices are subject to change without notice. All prices are for *outright sales*. Goods not returnable for credit or exchange. Use this offer as an order sheet, filling in the proper quantity column desired.

**SUGGESTION** that will make money for you. When you get the display case and seeds, put both in a place where everyone who comes into your store sees them. They need no salesperson. Customers make their own selection. There is nothing you can handle that yields you a better profit than Michell's Vegetable and Flower Seeds. **NOTICE.**—If you are interested in Seeds in bulk or in larger quantities than offered on this list, ask us for prices.

# MICHELL'S RELIABLE SEEDS, Etc.,

(Order Sheet and Price List for  
Storekeepers)

Quantity Wanted		Retail Each	YOUR COST	TOTAL S Cts.
SWEET PEAS, Pkts. (Gilt Edge Mixture)	1 oz. pkts. $\frac{1}{4}$ lb. $\frac{1}{2}$ lb. 1 lb.	.05 .15 .40 .65 1.25	Per 100 \$3.00 8.00 20.00 30.00 60.00 3.00	Per 1000 \$27.50 .... .... .... .... 27.50
NASTURTIUM, (Dwarf Mixed)	Pkts. 1 oz. $\frac{1}{4}$ lb.	.05 .20 .50	12.00 30.00	.... ....
NASTURTIUM, (Tall Mixed)	Pkts. 1 oz. $\frac{1}{4}$ lb.	.05 .15 .40	3.00 8.00 25.00	27.50 .... ....
WHITE DUTCH CLOVER	Packets 1 oz. $\frac{1}{4}$ lb. $\frac{1}{2}$ lb. 1 lb.	.50 .10 .20 .40 .75	Dozen \$0.40 .75 2.00 3.75 7.50	YOUR COST Per 100 \$3.00 6.00 16.00 30.00 60.00
LAWN GRASS SEED,		Retail Each	YOUR COST	
Fairmount Park, Pints " " Quarts " " 2 Quarts " " 4 Quarts " " Peck " " $\frac{1}{2}$ Bushel " " 1 Bushel	.10 .20 .35 .60 .90 1.50 3.00	Dozen \$0.65 1.30 2.25 4.00 6.60 14.40 25.20	Per 100 \$5.00 10.00 16.50 32.50 .... .... ....	Per 1000 \$47.50 95.00 .... .... .... 87.50
Evergreen, Pints " Quarts " 2 Quarts " 4 Quarts " Peck " $\frac{1}{2}$ Bushel " 1 Bushel	.15 .25 .45 .75 1.25 2.25 4.50	Dozen 1.15 1.85 3.25 6.00 18.00 36.00	Per 100 9.00 14.00 25.00 47.50 .... ....	Per 1000 130.00 .... .... .... ....
Green Velvet, Pints " " Quart Shaded Lawn, Pints " " Quarts " " 2 Quarts " " 4 Quarts " " Peck " " $\frac{1}{2}$ Bushel " " 1 Bushel	.20 .30 .20 .30 .50 .90 1.50 3.00 6.00	Dozen 1.25 2.15 1.25 2.15 3.50 6.50 12.00 24.00 48.00	Per 100 9.50 17.50 9.50 17.50 27.50 50.00 .... .... ....	Per 1000 90.00 .... .... .... .... ....
PLANT FOOD,		Retail Each	YOUR COST	
Michell's, in 6-oz. pkgs. Bowker's, Small Bowker's, Large	.15 .20 .30	Dozen \$1.25 1.75 2.75	Per 100 \$9.00 14.00 21.00	
SHEEP MANURE		Retail Each	YOUR COST	
2 pound boxes 5 pound boxes 10 pound boxes	.20 .35 .60	Dozen \$1.80 3.00 5.00	Per 100 \$14.00 24.00 40.00	
BONE MEAL		Retail Each	YOUR COST	
3 pound boxes 5 pound boxes 10 pound boxes	.25 .35 .60	Dozen \$2.40 3.25 5.50	Per 100 \$19.00 25.00 45.00	
MISCELLANEOUS		Retail Each	YOUR COST	
Lemon Oil Insecticide, $\frac{1}{2}$ pt. cans Aphine " $\frac{1}{4}$ pt. cans Black Leaf, 40 " 1 oz. bottle Nikoteen " $\frac{1}{2}$ oz. " Nikoteen " $1\frac{3}{4}$ oz. " Sulpho Tobacco Soap, 3 oz. cake Sulpho Tobacco Soap, 8 oz. cake	.30 .25 .25 .25 .40 .10 .20	Dozen \$2.40 2.65 2.40 2.50 3.75 .75 1.50	Per 100 \$17.50 22.00 19.00 .... .... 6.00 12.00	

(See Next Page)

## MICHELL'S SEEDS

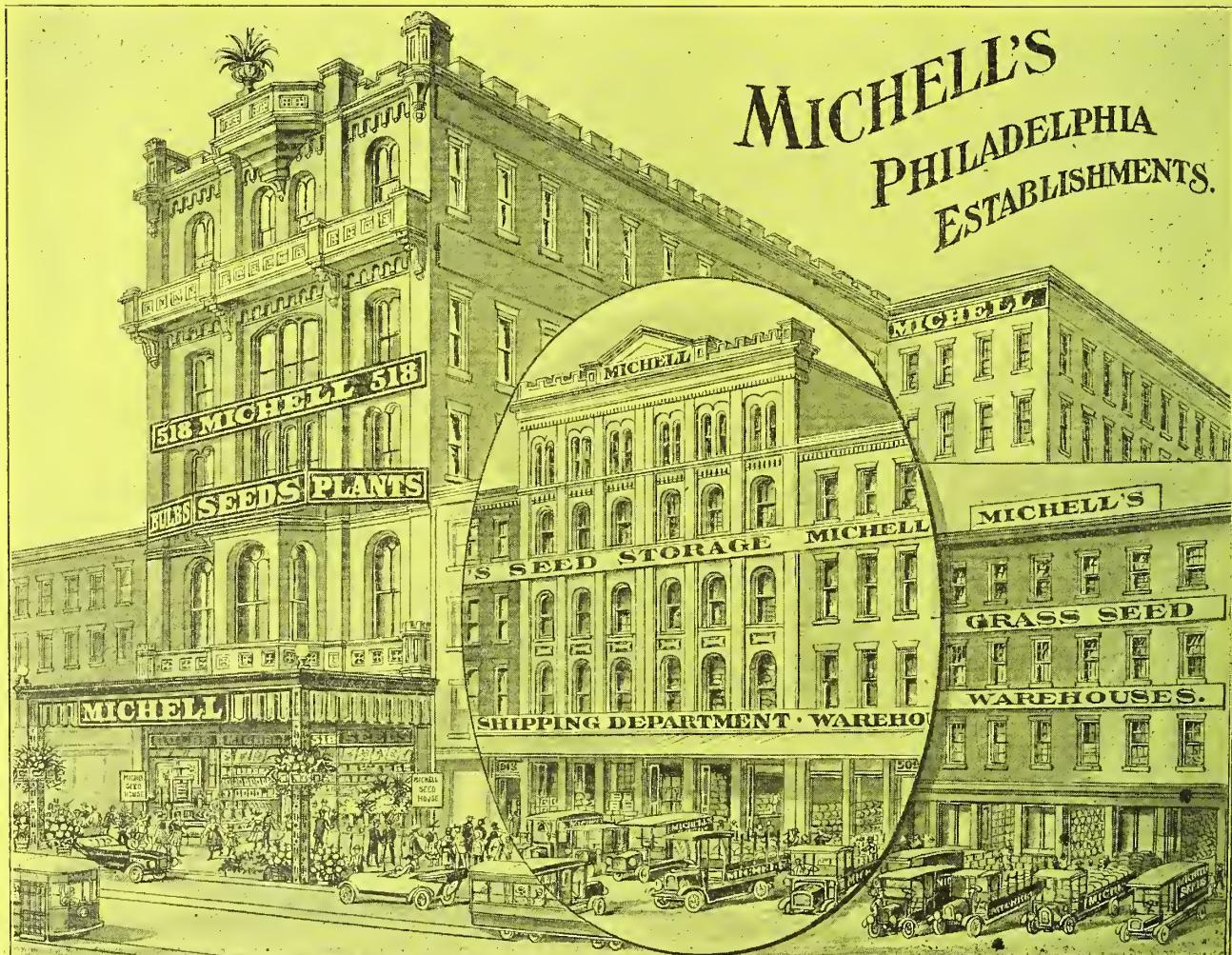
"Sown wherever known."

Henry F. Michell Co.,

518 Market Street, Philadelphia

# MICHELL'S RELIABLE SEEDS, Etc., Order Sheet for Storekeepers

Quantity Wanted		Retail Each	YOUR COST	TOTAL S Cts.
BIRD SEED, in 1-lb. pkgs.			\$0.25 lb.	
Mixed Canary .....		\$0.30 lb.	.25 "	
Plain " .....		.30 "	.12 "	
Hemp " .....		.15 "	.15 "	
Rape " .....		.20 "		
CUTTLE BONE .....	Retail Each	\$0.10	YOUR COST	
SUNFLOWER SEED	Retail Each		\$0.85 lb.	
1 Quart Pkgs. ....		\$0.15		
4 Quart " .....		.55		
SONG RESTORER, in bottles .....	Retail	\$0.15	YOUR COST	
BIRD MANNA, in cakes .....		.15	\$1.50 Per Dozen	
WHITE RICE POP CORN (shelled)	Retail Each		1.40 "	
In 1-lb. pkgs. ....		\$0.25		
RAT CORN. For destroying rats and mice, harmless to other animals and human beings. Retail, each, 25c., 50c., \$1.00.			YOUR COST	
BIRD GRAVEL	Retail Each		Per Dozen	
Fine Silver .....		\$0.10	\$2.25	RETAIL YOUR COST
Coarse " .....		.10	4.25 "	25c. Size..... Dozen
Fine Red .....		.10	8.00 "	50c. " .....
				\$1.00 " .....



HENRY F. MICHELL CO., 518 Market Street, Philadelphia.

# Headquarters for INSECT DESTROYERS

Prices Subject to  
Market Changes

Directions for using any of the following will be found on each package

IT IS UNLAWFUL TO SEND POISONS BY PARCEL POST

**Ant Exterminator** (Cliff's Insecticide). Liquid form, 45c. per qt.; 1 gal., \$1.60; \$7.50 for 5 gals.

**Ant Exterminator** (Magic). Per  $\frac{1}{4}$  lb., 18c.; per  $\frac{1}{2}$  lb., 35c.; per lb., 65c.; per 5 lbs., \$2.75.

**Antipest** (Carmen's). Gal., \$1.60.

**Aphine.**  $\frac{1}{4}$  pt., 25c.; per  $\frac{1}{2}$  pt., 40c.; per pt., 65c.; per qt., \$1.00; gal., \$2.50.

**Aphis Punk.** Per pkg., 60c.; per 12 pkgs., \$6.50.

**Arsenate of Lead** (Powdered). 1 lb., 50c.; per 5 lbs., \$2.65; per 10 lbs., \$5.00; per 25 lbs., \$11.50; per 50 lbs., \$22.00; per 100 lbs., \$41.00.

**Arsenate of Lead** (Paste). Per lb., 35c.; 5 lbs., \$1.50; 10 lbs., \$3.00; 25 lbs., \$6.00; 50 lbs., \$11.00; 100 lbs., \$21.00.

**Black Leaf No. 40.** Per 1-oz. bottle, 25c.;  $\frac{1}{2}$  lb., 75c.; 2 lbs., 25c.; 10 lbs., \$10.75.

**Bordeaux Mixture** (Paste). Per qt., 50c.; per gal., \$1.35; 5 gals., \$5.50.

**Bordeaux Mixture** (Dry Form). Per lb., 25c.; 5 lbs., \$1.15; 10 lbs., \$1.80.

**Bordeaux Arsenate.** Per lbs., 30c.; 5 lbs., \$1.35; 10 lbs., 2.50; 25 lbs., \$5.50; 50 lbs., \$10.00; \$19.00 per 100 lbs.

**Boro Wax.** Per qt., 35c.;  $\frac{1}{2}$  gal., 65c.; per gal., \$1.10.

**Bug Death.** Per lb., 20c.; 3 lbs., 50c.; 5 lbs., 75c.; 12 $\frac{1}{2}$  lbs., \$1.50; 100 lbs., \$8.25.

**Carbolineum** (Arvenarius). (Now called Protexol). Per gal., \$1.50; \$7.00 for 5 gals.

**Copper Solution.** Per qt., 85c.; per gal., \$2.50.

**Cut Worm Destroyer** (Reade's). Per 1 lb., 25c.; 5 lbs., 75c.; 10 lbs., \$1.15; 25 lbs., \$2.25; per 100 lbs., \$7.00.

**Cyanegg** (For generating Hydrocyanic Acid Gas). Per lb., 75c.; \$3.50 for 5 lbs.

**Dalmatian, or Persian Powder.** Per  $\frac{1}{4}$  lb., 25c.; 1 lb., 80c.; 5 lbs., \$3.50.

**Fir Tree Oil Soap.** Per  $\frac{1}{2}$  lb., 30c.; per 2-lb. can, 90c.

**Fish Oil Soap.** Per lb., 20c.; 5 lbs., 80c.; 10 lbs., \$1.60; 25 lbs., \$3.50; 100 lbs., \$11.00.

**Fish Oil Soap** (Good's Caustic). Per lb., 30c.; 5 lbs., \$1.25; 25 lbs., \$5.00.

**Fungine.** Per qt., \$1.00; per gal., \$3.50.

**Getz-There Soap.** Per 2 lbs., 40c.; 8 lbs., \$1.50; 25 lbs., \$2.25.

**Grape Dust.** Per 5 lbs., 85c.; 10 lbs., \$1.60; 25 lbs., \$3.75.

**Hellebore.** Per  $\frac{1}{4}$  lb., 25c.;  $\frac{1}{2}$  lb., 45c.; 1 lb., 75c.; 5 lbs., \$3.25.

**Imp. Soap Spray.** An all around outdoor and greenhouse insecticide. Pt., 40c.; 60c. qt.; 1 gal., \$2.10; \$9.00 per 5 gals.; 10 gals., \$17.25.

**IXL Compound.** Per gal., \$3.75; \$17.50 for 5 gals.

**Kerosene Emulsion** (Liquid). 60c. per qt.; per gal., \$1.50.

**Lemon Oil Insecticide.** Per  $\frac{1}{2}$  pt., 25c.; pt., 45c.; qt., 80c.;  $\frac{1}{2}$  gal., \$1.35; gal., \$2.25; 5-gal. keg, \$9.50; 10-gal. keg, \$18.00.

**Lime-Sulphur.** Per qt., 50c.; 65c. per  $\frac{1}{2}$  gal.; 1 gal., \$1.10; 5 gals., \$4.00; 30-gal. bbls. at 30c. per gal.; 50-gal. bbls. at 26c. per gal.



CARBONDALE HYDROMETERS

These are highly recommended by the Pennsylvania State Department of Agriculture for testing the gravity of Lime-Sulphur solution; one should be in the hands of every man who uses this material. Price, \$1.00. (Postpaid, \$1.10.) With directions.

**Lime Sulphur** (Dry Powder Form). 1 lb., 22c.; 5 lbs., 85c.; 10 lbs., \$1.60; 25 lbs., \$3.25; 50 lbs., \$5.75; 100 lbs., \$9.00.

**Nico-Fume** (Liquid).  $\frac{1}{4}$  lb., 50c.; 1 lb., \$1.50; 4 lbs., \$5.50; 8 lbs., \$10.50. Special contract price on large orders.

**Nico-Fume Paper.** Per box, 24 sheets, 85c.; per 144 sheets, \$4.00; 288 sheets, \$7.50; 5 cans, 288 sheets each, \$35.75; 12 cans, \$84.00; 24 cans, \$162.00.

**Nikoteen.** 15c. for  $\frac{1}{2}$  oz.;  $\frac{1}{4}$  ozs., 40c.;  $\frac{1}{2}$  pt., 95c.; pt., \$1.60; per case of 10-pt. bottles, \$14.00; per 4-lb. bottle, \$5.50; \$10.50 per 8-lb. bottle.

**Paris Green.** Per  $\frac{1}{4}$  lb., 20c.;  $\frac{1}{2}$  lb., 35c.; 1 lb., 65c.; 2 lbs., \$1.25; 14 lbs., \$8.40

**Pyrox** (Bowker's). Per lb., 40c.; 5 lbs., \$1.50; 10 lbs., \$2.75; 25 lbs., \$6.00; 50 lbs., \$10.75; 100 lbs., \$20.00; 300 lbs., \$57.00.

**Rat Corn.** 25c., 50c. and \$1.00 per box.

**Rat Annihilator.** For destroying rats and mice. 25c. per pkge.

**Readeana Rose Bug Exterminator.** Trial bottle, 25c.; 8-oz., 50c.; 24-oz., \$1.00; per gal., \$3.75.

**Scalecide.** Per qt., 55c.; gal., \$1.45; 5 gals., \$6.25; 10 gals., \$10.75; 30-gal. bbl., \$26.50; 50-gal. bbl., \$39.00.

**Scale Destroyer** (Soluble Oil). Qt., 55c.; gal., \$1.35; 5 gals., \$6.00; 30 gals. bbls. at 75c. gal.; 50 gals. bbls. at 70c. gal.

**Shoo Fly.** Per qt., 45c.; per gal., \$1.25.

**Slug Shot.** Per canister, 18c.; 5 lbs., 55c.; 10 lbs., 95c.; 25 lbs., \$2.25; 100 lbs., \$8.50; full bbl. lots (about 250 lbs.), 8c. per lb., f. o. b. Philadelphia.

**Styptic** (Thomson's) For use in pruning. Per bottle, \$1.00.

**Sulphate of Copper.** Per lb., 22c.; per 10 lbs., \$1.80.

**Sulpho Tobacco Soap.** Per 3-oz. pkg., 8c.; 6-oz. pkg., 15c.; in 10-lb. cakes, \$2.25 per cake.

**Sulphur** (Flowers). Per lb., 10c.; 5 lbs., 45c.; 25 lbs., \$2.00; 100 lbs., \$6.50; bbl. lots of about 200 lbs., at 6 $\frac{1}{4}$ c. per lb.

**Sulphur Candles.** Large: 20c. each; per doz., \$2.00. Small: 10c. each; \$1.10 doz.

**Thrip Juice** (Hammond's No. 2). Pt., 75c.; qt., \$1.25; gal., \$3.75.

**Tobacco Dust.** (For dusting only.) Per lb., 7c.; 5 lbs., 25c.; 10 lbs., 45c.; 25 lbs., \$1.00; 100 lbs., \$3.50; 500 lbs., \$15.00.

**Tobacco Dust** (Special Dusting or Fumigating). 5 lbs., 30c.; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.75; 500 lbs., \$17.50.

**Tobacco Soap** (Sulpho). 3 ozs., 8c.; 6 ozs., 15c.; 10 lbs., \$2.25; 25 lbs., \$5.00.

**Tobacco Stems.** Per lb., 10c.; bu., 60c.; bbl. bag, \$1.25; in large bales, at 2c. per lb.;  $\frac{1}{2}$  ton, \$16.00; per ton, \$30.00.

**Tree Tanglefoot.** Per lb., 50c.; 3-lb. cans, \$1.45; 10 lbs., \$4.50; 20 lbs., \$8.75.

**Vapor Cones** (Lethorion Nicotine). In 3 sizes: No. 1, 10c. each; doz., \$1.00. No. 2, 15c. each; doz., \$1.50. No. 3, 20c. each; doz., \$2.00.

**Vaporite.** Per 5 lbs., 50c.; 25 lbs., \$2.00; 50 lbs., \$3.75; 112 lbs., \$7.00.

**Worm Eradicator** (Reade's Electric). Small size, 25c.; 8 ozs., 50c.; 24 ozs., \$1.00; per gal., \$3.75.

**Worm Destroyer, Michell's Brand.** For lawns, grass plots, etc. price on application.

**Worm Destroyer, Carter's Brand.** F. o. b. Philadelphia: Per 100 lbs., \$12.00; per 1000 lbs., \$110.00; ton, \$210.00. F. o. b. Boston: 100 lbs., \$10.50; ton, \$200.00.

**Zenoleum.**  $\frac{1}{2}$  pt., 30c.; qt., 60c.;  $\frac{1}{2}$  gal., \$1.00; gal., \$1.75.

Lamps for Vaporizing Nicotine Solutions  
75c. each; 6 for \$4.00.

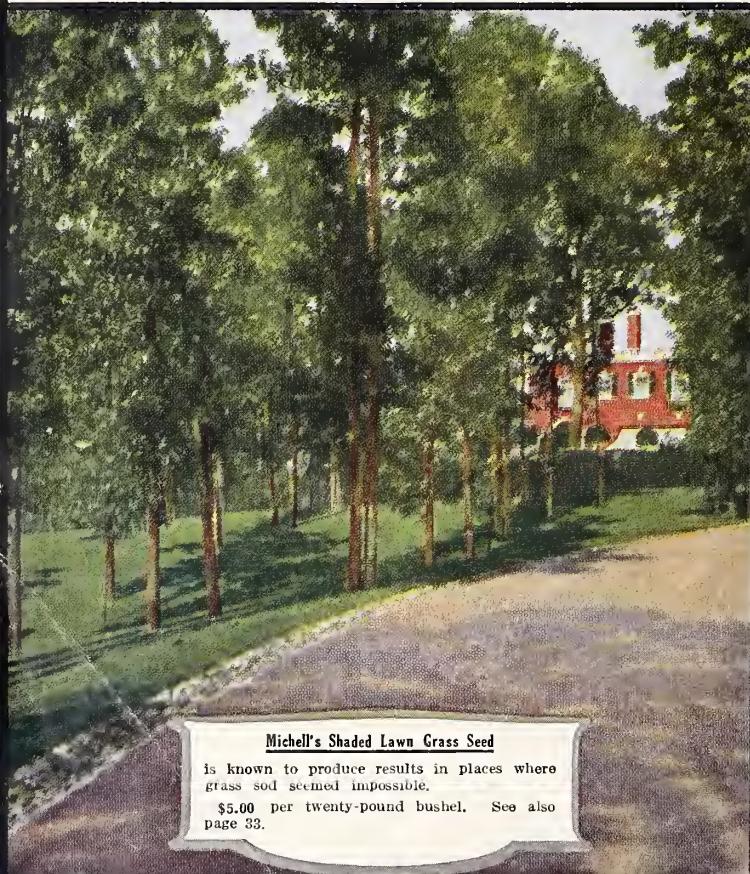
# MICHELL'S GRASS SEEDS for Every Purpose



## Michell's Green Velvet Grass Seed

is undoubtedly the best value at the price to be found anywhere. The formula is based on experience and tests and is being constantly improved where possible. \$5.00 per 20-lb. bushel. See also page 33.

(Picture taken on North Side of Long Island.)



## Michell's Shaded Lawn Grass Seed

is known to produce results in places where grass sod seemed impossible.

\$5.00 per twenty-pound bushel. See also page 33.



## Michell's Seashore Grass Seed

thrives under a variety of seashore conditions, which usually are hard to meet with the ordinary mixtures of grass seed.

\$5.00 per twenty-pound bushel. See also page 33. (Picture taken at Newport, R. I.)

HENRY F. MICHELL CO. 518 MARKET ST. PHILADELPHIA, PA.